

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072221\
 Data File : VY005409.D
 Acq On : 22 Jul 2021 11:19
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:47:49 PM

Quant Time: Jul 23 05:47:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 05:45:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.801	168	279711	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	408896	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	375105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	198181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	56275	18.832	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	37.660%#
35) Dibromofluoromethane	7.728	113	45109	19.106	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	38.220%#
50) Toluene-d8	10.185	98	193179	19.305	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	38.600%#
62) 4-Bromofluorobenzene	12.483	95	65157	19.728	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	39.460%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	53328	21.060	ug/l	99
3) Chloromethane	2.119	50	59603	19.202	ug/l	97
4) Vinyl Chloride	2.259	62	70704	19.129	ug/l	99
5) Bromomethane	2.649	94	50585	18.727	ug/l	100
6) Chloroethane	2.796	64	44038	18.965	ug/l	97
7) Trichlorofluoromethane	3.131	101	93391	19.321	ug/l	99
8) Diethyl Ether	3.539	74	30995	18.215	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	49509	18.846	ug/l	99
10) Methyl Iodide	4.100	142	56542	18.965	ug/l	99
11) Tert butyl alcohol	4.972	59	25204	89.284	ug/l #	88
12) 1,1-Dichloroethene	3.881	96	50895	19.032	ug/l	96
13) Acrolein	3.734	56	25157	97.320	ug/l	97
14) Allyl chloride	4.490	41	88587	18.511	ug/l	99
15) Acrylonitrile	5.179	53	74737	88.445	ug/l	100
16) Acetone	3.960	43	61160	89.621	ug/l	98
17) Carbon Disulfide	4.204	76	167529	18.945	ug/l	100
18) Methyl Acetate	4.490	43	34140	17.798	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	145769	18.065	ug/l	100
20) Methylene Chloride	4.728	84	70727	17.887	ug/l	98
21) trans-1,2-Dichloroethene	5.228	96	55323	18.414	ug/l	92
22) Diisopropyl ether	6.136	45	180823	19.467	ug/l	94
23) Vinyl Acetate	6.075	43	582207	95.293	ug/l	99
24) 1,1-Dichloroethane	6.027	63	99269	19.389	ug/l	100
25) 2-Butanone	7.002	43	93596	91.585	ug/l	100
26) 2,2-Dichloropropane	6.990	77	91077	19.562	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	61317	19.079	ug/l	99
28) Bromochloromethane	7.344	49	44475	21.578	ug/l	98
29) Tetrahydrofuran	7.362	42	65161	96.283	ug/l	97
30) Chloroform	7.514	83	99217	19.588	ug/l	97
31) Cyclohexane	7.795	56	100892	19.773	ug/l	96
32) 1,1,1-Trichloroethane	7.709	97	93766	19.995	ug/l	100
36) 1,1-Dichloropropene	7.929	75	79608	20.135	ug/l	99
37) Ethyl Acetate	7.088	43	44285	18.401	ug/l	99
38) Carbon Tetrachloride	7.911	117	87403	20.230	ug/l	96
39) Methylcyclohexane	9.185	83	100429	19.810	ug/l	98
40) Benzene	8.167	78	227882	20.057	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072221\
 Data File : VY005409.D
 Acq On : 22 Jul 2021 11:19
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:47:49 PM

Quant Time: Jul 23 05:47:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 05:45:30 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	26283	16.350	ug/l #	86
42) 1,2-Dichloroethane	8.246	62	72784	19.803	ug/l	99
43) Isopropyl Acetate	8.282	43	81935	18.800	ug/l	98
44) Trichloroethene	8.947	130	61236	19.873	ug/l	100
45) 1,2-Dichloropropane	9.221	63	56485	20.191	ug/l	96
46) Dibromomethane	9.313	93	30365	19.720	ug/l	97
47) Bromodichloromethane	9.502	83	76463	19.756	ug/l	100
48) Methyl methacrylate	9.301	41	37930	18.714	ug/l	98
49) 1,4-Dioxane	9.307	88	8655	398.478	ug/l #	93
51) 4-Methyl-2-Pentanone	10.075	43	219158	94.720	ug/l	100
52) Toluene	10.245	92	143521	19.892	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	85028	19.638	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	94943	19.948	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	43670	19.762	ug/l	99
56) Ethyl methacrylate	10.514	69	63136	18.921	ug/l	99
57) 1,3-Dichloropropane	10.794	76	77346	19.679	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.788	63	146771	91.973	ug/l	100
59) 2-Hexanone	10.837	43	151660	93.520	ug/l	100
60) Dibromochloromethane	10.989	129	52375	19.406	ug/l	99
61) 1,2-Dibromoethane	11.093	107	40701	19.458	ug/l	99
64) Tetrachloroethene	10.721	164	57367	20.244	ug/l	98
65) Chlorobenzene	11.520	112	153913	20.034	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	56271	19.611	ug/l	100
67) Ethyl Benzene	11.599	91	277655	19.852	ug/l	100
68) m/p-Xylenes	11.709	106	215632	39.705	ug/l	98
69) o-Xylene	12.032	106	101750	19.694	ug/l	99
70) Styrene	12.050	104	173863	19.818	ug/l	99
71) Bromoform	12.215	173	35459	19.335	ug/l #	100
73) Isopropylbenzene	12.330	105	269469	19.717	ug/l	100
74) N-amyl acetate	12.148	43	78928	18.969	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.587	83	49802	19.086	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	37668m	25.753	ug/l	
77) Bromobenzene	12.611	156	65550	19.586	ug/l	98
78) n-propylbenzene	12.672	91	325794	19.759	ug/l	100
79) 2-Chlorotoluene	12.757	91	182007	19.652	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	226611	19.852	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.385	75	18837	18.756	ug/l	100
82) 4-Chlorotoluene	12.861	91	190075	19.829	ug/l	99
83) tert-Butylbenzene	13.080	119	201290	19.797	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	226387	19.773	ug/l	99
85) sec-Butylbenzene	13.257	105	291268	19.861	ug/l	99
86) p-Isopropyltoluene	13.373	119	249897	19.790	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	128426	19.566	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	128847	19.811	ug/l	99
89) n-Butylbenzene	13.702	91	229058	19.763	ug/l	99
90) Hexachloroethane	13.964	117	45032	19.839	ug/l	98
91) 1,2-Dichlorobenzene	13.745	146	115992	19.789	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9689	19.148	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	78482	19.406	ug/l	99
94) Hexachlorobutadiene	15.117	225	49662	19.376	ug/l	99
95) Naphthalene	15.238	128	152302	18.722	ug/l	100
96) 1,2,3-Trichlorobenzene	15.427	180	69053	18.943	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072221\
Data File : VY005409.D
Acq On : 22 Jul 2021 11:19
Operator : SY/MD
Sample : VSTDIC020
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

MMDadoda
7/23/2021 5:47:49 PM

Quant Time: Jul 23 05:47:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
Quant Title : SW846 8260
QLast Update : Fri Jul 23 05:45:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072221\
 Data File : VY005409.D
 Acq On : 22 Jul 2021 11:19
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

MMDadoda
 7/23/2021 5:47:49 PM

Quant Time: Jul 23 05:47:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 05:45:30 2021
 Response via : Initial Calibration

