

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005870.D
 Acq On : 26 Aug 2021 18:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/27/2021 4:45:39 PM

Quant Time: Aug 27 03:27:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	183383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	274582	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	258342	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	140901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	100586	54.186	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.380%			
35) Dibromofluoromethane	7.728	113	82962	53.965	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.940%			
50) Toluene-d8	10.185	98	332285	51.538	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.080%			
62) 4-Bromofluorobenzene	12.483	95	117899	55.221	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 110.440%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	65980	43.806	ug/l	98
3) Chloromethane	2.119	50	87898	48.855	ug/l	99
4) Vinyl Chloride	2.259	62	115352	53.527	ug/l	98
5) Bromomethane	2.650	94	84883	59.841	ug/l	96
6) Chloroethane	2.802	64	78933	60.680	ug/l	98
7) Trichlorofluoromethane	3.131	101	157723	54.664	ug/l	99
8) Diethyl Ether	3.534	74	59802	59.342	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.905	101	90358	57.735	ug/l	99
10) Methyl Iodide	4.101	142	91383	46.867	ug/l	99
11) Tert butyl alcohol	4.966	59	70244	382.786	ug/l	98
12) 1,1-Dichloroethene	3.881	96	88244	55.837	ug/l	96
13) Acrolein	3.741	56	26568	239.962	ug/l	100
14) Allyl chloride	4.491	41	161848	58.470	ug/l	99
15) Acrylonitrile	5.173	53	171351	331.779	ug/l	100
16) Acetone	3.954	43	132538	283.191	ug/l	96
17) Carbon Disulfide	4.204	76	238898	49.037	ug/l	98
18) Methyl Acetate	4.491	43	81851	66.870	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	302693	61.826	ug/l	99
20) Methylene Chloride	4.728	84	113806	62.915	ug/l	94
21) trans-1,2-Dichloroethene	5.228	96	101293	57.328	ug/l	99
22) Diisopropyl ether	6.125	45	364289	63.793	ug/l	94
23) Vinyl Acetate	6.070	43	1195396	314.551	ug/l	99
24) 1,1-Dichloroethane	6.027	63	201194	63.575	ug/l	99
25) 2-Butanone	6.996	43	189824	274.383	ug/l	98
26) 2,2-Dichloropropane	6.990	77	140737	48.674	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	106876	53.183	ug/l	99
28) Bromochloromethane	7.344	49	65029	51.483	ug/l	96
29) Tetrahydrofuran	7.356	42	128428	280.667	ug/l	99
30) Chloroform	7.515	83	177966	55.097	ug/l	98
31) Cyclohexane	7.789	56	140240	44.045	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	158264	53.301	ug/l	99
36) 1,1-Dichloropropene	7.923	75	126816	49.242	ug/l	99
37) Ethyl Acetate	7.082	43	85293	54.668	ug/l	99
38) Carbon Tetrachloride	7.905	117	145431	51.957	ug/l	99
39) Methylcyclohexane	9.185	83	148478	45.315	ug/l	95
40) Benzene	8.167	78	381163	51.684	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
 Data File : VY005870.D
 Acq On : 26 Aug 2021 18:47
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 8/27/2021 4:45:39 PM

Quant Time: Aug 27 03:27:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 03 04:52:05 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	50295m	59.412	ug/l	
42) 1,2-Dichloroethane	8.240	62	127834	53.438	ug/l	99
43) Isopropyl Acetate	8.283	43	158450	53.642	ug/l	99
44) Trichloroethene	8.947	130	102963	51.153	ug/l	96
45) 1,2-Dichloropropane	9.222	63	99324	53.833	ug/l	98
46) Dibromomethane	9.307	93	55087	53.997	ug/l	97
47) Bromodichloromethane	9.502	83	139075	54.470	ug/l	99
48) Methyl methacrylate	9.295	41	71748	53.746	ug/l	99
49) 1,4-Dioxane	9.301	88	16158	1139.627	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	448773	288.491	ug/l	100
52) Toluene	10.246	92	245538	52.214	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	149658	52.449	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	162401	52.444	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	80920	54.820	ug/l	97
56) Ethyl methacrylate	10.514	69	120714	54.615	ug/l	99
57) 1,3-Dichloropropane	10.794	76	142154	54.612	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	325926	308.610	ug/l	99
59) 2-Hexanone	10.837	43	316661	288.010	ug/l	100
60) Dibromochloromethane	10.990	129	101244	55.423	ug/l	99
61) 1,2-Dibromoethane	11.087	107	75534	54.020	ug/l	99
64) Tetrachloroethene	10.721	164	103561	52.664	ug/l	96
65) Chlorobenzene	11.520	112	271569	52.238	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	105659	54.000	ug/l	99
67) Ethyl Benzene	11.593	91	484879	51.436	ug/l	99
68) m/p-Xylenes	11.703	106	380251	103.853	ug/l	100
69) o-Xylene	12.032	106	183645	52.185	ug/l	99
70) Styrene	12.044	104	318856	53.828	ug/l	99
71) Bromoform	12.209	173	70456	55.526	ug/l #	99
73) Isopropylbenzene	12.331	105	485828	49.396	ug/l	99
74) N-amyl acetate	12.142	43	149776	50.589	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	98781	52.218	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	65843m	45.094	ug/l	
77) Bromobenzene	12.611	156	120420	49.835	ug/l	98
78) n-propylbenzene	12.672	91	585661	50.137	ug/l	100
79) 2-Chlorotoluene	12.758	91	326753	49.815	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	406502	49.802	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	35245	48.659	ug/l	98
82) 4-Chlorotoluene	12.855	91	341507	50.319	ug/l	99
83) tert-Butylbenzene	13.075	119	364016	49.700	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	407463	50.592	ug/l	99
85) sec-Butylbenzene	13.251	105	536363	50.772	ug/l	99
86) p-Isopropyltoluene	13.367	119	457186	50.407	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	241779	51.279	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	236714	50.609	ug/l	99
89) n-Butylbenzene	13.696	91	409625	49.852	ug/l	100
90) Hexachloroethane	13.959	117	84227	51.652	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	214100	51.408	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	18844	52.548	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	146347	51.155	ug/l	98
94) Hexachlorobutadiene	15.111	225	93982	50.736	ug/l	100
95) Naphthalene	15.233	128	293774	52.092	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	131039	51.701	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082621\
Data File : VY005870.D
Acq On : 26 Aug 2021 18:47
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
8/27/2021 4:45:39 PM

Quant Time: Aug 27 03:27:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080221S.M
Quant Title : SW846 8260
QLast Update : Tue Aug 03 04:52:05 2021
Response via : Initial Calibration

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

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

