

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083121\
 Data File : VY005908.D
 Acq On : 31 Aug 2021 13:38
 Operator : SY/MD
 Sample : VY0831SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0831SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/1/2021 6:41:45 PM

Quant Time: Sep 01 05:36:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	318162	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	468850	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	371561	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	197568	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	159265	49.674	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.340%
35) Dibromofluoromethane	7.722	113	131455	49.925	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.860%
50) Toluene-d8	10.185	98	475536	43.033	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	86.060%
62) 4-Bromofluorobenzene	12.483	95	159695	43.038	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	86.080%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	59801	21.051	ug/l	96
3) Chloromethane	2.119	50	61241	20.354	ug/l	97
4) Vinyl Chloride	2.259	62	78613	20.101	ug/l	99
5) Bromomethane	2.643	94	58042	21.997	ug/l	95
6) Chloroethane	2.796	64	48889	20.906	ug/l	96
7) Trichlorofluoromethane	3.131	101	102983	20.615	ug/l	98
8) Diethyl Ether	3.534	74	37255	21.908	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.905	101	57305	21.303	ug/l	99
10) Methyl Iodide	4.101	142	65559	19.393	ug/l	97
11) Tert butyl alcohol	4.936	59	106671	169.191	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	58969	21.591	ug/l	95
13) Acrolein	3.735	56	16545	146.054	ug/l	100
14) Allyl chloride	4.485	41	98356	21.413	ug/l	98
15) Acrylonitrile	5.167	53	94114	109.436	ug/l	99
16) Acetone	3.954	43	88885	108.724	ug/l	100
17) Carbon Disulfide	4.198	76	191416	21.943	ug/l	99
18) Methyl Acetate	4.485	43	46600	20.531	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	174441	21.275	ug/l	96
20) Methylene Chloride	4.716	84	77506	22.004	ug/l	97
21) trans-1,2-Dichloroethene	5.228	96	64159	21.054	ug/l	99
22) Diisopropyl ether	6.125	45	202834	21.734	ug/l	99
23) Vinyl Acetate	6.064	43	614706	108.541	ug/l	99
24) 1,1-Dichloroethane	6.027	63	114080	21.430	ug/l	99
25) 2-Butanone	6.996	43	125732	108.865	ug/l	98
26) 2,2-Dichloropropane	6.984	77	104627	21.007	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	70478	20.582	ug/l	96
28) Bromochloromethane	7.338	49	45516	20.741	ug/l	95
29) Tetrahydrofuran	7.356	42	81896	109.439	ug/l	100
30) Chloroform	7.515	83	113691	20.812	ug/l	95
31) Cyclohexane	7.789	56	112956	20.888	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	102413	20.135	ug/l	99
36) 1,1-Dichloropropene	7.923	75	91930	20.825	ug/l	99
37) Ethyl Acetate	7.082	43	55041	20.820	ug/l	99
38) Carbon Tetrachloride	7.905	117	96827	20.237	ug/l	95
39) Methylcyclohexane	9.185	83	113934	20.378	ug/l	98
40) Benzene	8.167	78	262253	21.028	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083121\
 Data File : VY005908.D
 Acq On : 31 Aug 2021 13:38
 Operator : SY/MD
 Sample : VY0831SBS01
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0831SBS01

Manual Integrations
 APPROVED

MMDadoda
 9/1/2021 6:41:45 PM

Quant Time: Sep 01 05:36:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 01 05:32:43 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	33168m	22.530	ug/l	
42) 1,2-Dichloroethane	8.240	62	81982	20.237	ug/l	100
43) Isopropyl Acetate	8.277	43	99240	20.667	ug/l	99
44) Trichloroethene	8.941	130	71247	20.371	ug/l	97
45) 1,2-Dichloropropane	9.222	63	62881	20.548	ug/l	99
46) Dibromomethane	9.307	93	35585	20.207	ug/l	99
47) Bromodichloromethane	9.502	83	77172	18.032	ug/l	97
48) Methyl methacrylate	9.295	41	44399	20.118	ug/l	98
49) 1,4-Dioxane	9.307	88	10376	427.821	ug/l	98
51) 4-Methyl-2-Pentanone	10.075	43	232798	89.980	ug/l	100
52) Toluene	10.246	92	139279	17.328	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	84915	17.894	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	92392	17.745	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	43590	17.281	ug/l	96
56) Ethyl methacrylate	10.514	69	65305	17.887	ug/l	98
57) 1,3-Dichloropropane	10.794	76	78311	17.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	171647	91.081	ug/l	100
59) 2-Hexanone	10.837	43	161474	89.336	ug/l	99
60) Dibromochloromethane	10.990	129	54737	17.675	ug/l	100
61) 1,2-Dibromoethane	11.093	107	42256	17.587	ug/l	99
64) Tetrachloroethene	10.721	164	62712	20.613	ug/l	99
65) Chlorobenzene	11.520	112	153415	20.578	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	56488	20.240	ug/l	99
67) Ethyl Benzene	11.593	91	269502	20.222	ug/l	98
68) m/p-Xylenes	11.703	106	215104	40.929	ug/l	99
69) o-Xylene	12.032	106	100876	20.445	ug/l	100
70) Styrene	12.044	104	170678	20.280	ug/l	99
71) Bromoform	12.209	173	37810	20.548	ug/l #	100
73) Isopropylbenzene	12.331	105	267800	20.337	ug/l	100
74) N-amyl acetate	12.142	43	78146	20.684	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.587	83	51203	20.432	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	36167m	19.559	ug/l	
77) Bromobenzene	12.611	156	67230	20.269	ug/l	99
78) n-propylbenzene	12.672	91	322360	20.483	ug/l	100
79) 2-Chlorotoluene	12.757	91	179428	20.480	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	225711	20.458	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	20470	21.052	ug/l	99
82) 4-Chlorotoluene	12.855	91	186570	20.297	ug/l	98
83) tert-Butylbenzene	13.075	119	197444	20.474	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	223370	20.411	ug/l	99
85) sec-Butylbenzene	13.251	105	294625	20.729	ug/l	99
86) p-Isopropyltoluene	13.373	119	251780	20.444	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	133045	20.615	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	132417	20.541	ug/l	99
89) n-Butylbenzene	13.696	91	228284	20.717	ug/l	99
90) Hexachloroethane	13.965	117	45636	20.419	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	118487	20.706	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10119	21.529	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	83279	21.560	ug/l	99
94) Hexachlorobutadiene	15.111	225	53439	21.476	ug/l	98
95) Naphthalene	15.239	128	157664	21.245	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	72846	21.601	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083121\
Data File : VY005908.D
Acq On : 31 Aug 2021 13:38
Operator : SY/MD
Sample : VY0831SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0831SBS01

Manual Integrations
APPROVED

MMDadoda
9/1/2021 6:41:45 PM

Quant Time: Sep 01 05:36:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083121S.M
Quant Title : SW846 8260
QLast Update : Wed Sep 01 05:32:43 2021
Response via : Initial Calibration

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

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

