

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120522\
 Data File : VY011690.D
 Acq On : 05 Dec 2022 12:19
 Operator : KP/MD
 Sample : VY1205SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1205SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/06/2022
 Supervised By :Mahesh Dadoda 12/06/2022

Quant Time: Dec 06 00:35:47 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	177407	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	284132	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	260371	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132654	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	91934	51.035	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.080%			
35) Dibromofluoromethane	7.716	113	88476	50.584	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.160%			
50) Toluene-d8	10.179	98	300929	47.345	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 94.700%			
62) 4-Bromofluorobenzene	12.483	95	117393	49.954	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 99.900%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	29269	27.464	ug/l	98
3) Chloromethane	2.113	50	32531	18.803	ug/l	99
4) Vinyl Chloride	2.253	62	36218	18.050	ug/l	98
5) Bromomethane	2.643	94	26543	18.180	ug/l	98
6) Chloroethane	2.790	64	25160	17.971	ug/l	95
7) Trichlorofluoromethane	3.125	101	61480	20.888	ug/l	93
8) Diethyl Ether	3.527	74	20839	21.907	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	34692	20.383	ug/l	96
10) Methyl Iodide	4.088	142	41336	20.846	ug/l	96
11) Tert butyl alcohol	4.948	59	29891	140.006	ug/l	97
12) 1,1-Dichloroethene	3.869	96	32282	20.706	ug/l	85
13) Acrolein	3.729	56	6441	135.606	ug/l	98
14) Allyl chloride	4.478	41	55252	20.188	ug/l #	92
15) Acrylonitrile	5.161	53	56618	108.969	ug/l	96
16) Acetone	3.948	43	56845	97.151	ug/l	95
17) Carbon Disulfide	4.192	76	87080	20.153	ug/l	99
18) Methyl Acetate	4.478	43	33095	23.149	ug/l	93
19) Methyl tert-butyl Ether	5.216	73	98526	22.144	ug/l	94
20) Methylene Chloride	4.716	84	76965	31.037	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	38095	21.145	ug/l	91
22) Diisopropyl ether	6.118	45	126299	21.141	ug/l #	97
23) Vinyl Acetate	6.064	43	353616	101.615	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	72976	20.805	ug/l	99
25) 2-Butanone	6.984	43	77246	100.453	ug/l #	91
26) 2,2-Dichloropropane	6.984	77	67090	20.724	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	45488	21.447	ug/l	91
28) Bromochloromethane	7.332	49	27125	19.249	ug/l	86
29) Tetrahydrofuran	7.350	42	44668	102.858	ug/l	91
30) Chloroform	7.508	83	77816	21.392	ug/l	97
31) Cyclohexane	7.789	56	56693	18.987	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	67741	20.818	ug/l	96
36) 1,1-Dichloropropene	7.917	75	52492	19.199	ug/l	98
37) Ethyl Acetate	7.069	43	30911	19.855	ug/l #	97
38) Carbon Tetrachloride	7.899	117	60662	19.832	ug/l	99
39) Methylcyclohexane	9.185	83	58647	19.221	ug/l	91
40) Benzene	8.161	78	165339	20.760	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	19028m	24.173	ug/l	
42) 1,2-Dichloroethane	8.234	62	51268	20.815	ug/l	95
43) Isopropyl Acetate	8.270	43	56641	20.167	ug/l	94
44) Trichloroethene	8.941	130	43031	20.081	ug/l	97
45) 1,2-Dichloropropane	9.215	63	41717	20.493	ug/l	99
46) Dibromomethane	9.307	93	23223	20.402	ug/l	97
47) Bromodichloromethane	9.496	83	59868	20.881	ug/l #	98
48) Methyl methacrylate	9.295	41	24631	19.744	ug/l #	89
49) 1,4-Dioxane	9.295	88	6040	428.486	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	153244	98.153	ug/l	92
52) Toluene	10.246	92	102531	20.358	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	58859	20.537	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	66692	20.685	ug/l #	87
55) 1,1,2-Trichloroethane	10.642	97	34371	21.107	ug/l	96
56) Ethyl methacrylate	10.508	69	42178	20.826	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	56346	20.431	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	103050	103.892	ug/l	97
59) 2-Hexanone	10.831	43	107665	96.619	ug/l	90
60) Dibromochloromethane	10.983	129	41889	20.990	ug/l	100
61) 1,2-Dibromoethane	11.087	107	31109	20.929	ug/l	98
64) Tetrachloroethene	10.721	164	42556	19.834	ug/l	98
65) Chlorobenzene	11.514	112	112792	20.687	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	43548	21.074	ug/l	99
67) Ethyl Benzene	11.593	91	194501	19.757	ug/l	98
68) m/p-Xylenes	11.703	106	153515	40.965	ug/l	95
69) o-Xylene	12.032	106	71866	20.598	ug/l	96
70) Styrene	12.044	104	125238	21.029	ug/l	97
71) Bromoform	12.209	173	26288	20.910	ug/l #	99
73) Isopropylbenzene	12.331	105	192221	20.036	ug/l	99
74) N-amyl acetate	12.142	43	47779	20.167	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	38303	20.261	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	30652m	21.456	ug/l	
77) Bromobenzene	12.605	156	46709	20.850	ug/l	96
78) n-propylbenzene	12.672	91	236146	20.176	ug/l	99
79) 2-Chlorotoluene	12.757	91	134583	20.401	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	167904	20.762	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	13851	21.237	ug/l	89
82) 4-Chlorotoluene	12.855	91	143589	20.816	ug/l	100
83) tert-Butylbenzene	13.074	119	141553	20.095	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	167726	20.999	ug/l	99
85) sec-Butylbenzene	13.251	105	212483	20.217	ug/l	100
86) p-Isopropyltoluene	13.367	119	180075	20.529	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	94279	20.674	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	93564	20.519	ug/l	98
89) n-Butylbenzene	13.696	91	161660	20.049	ug/l	100
90) Hexachloroethane	13.958	117	35493	20.038	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	84672	20.946	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6601	21.291	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	48186	21.491	ug/l	99
94) Hexachlorobutadiene	15.111	225	30700	22.027	ug/l	98
95) Naphthalene	15.239	128	89596	21.549	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	42372	22.052	ug/l	99

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

