

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010524\
 Data File : VY016916.D
 Acq On : 05 Jan 2024 12:04
 Operator : SY/MD
 Sample : VY0105SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0105SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

01/08/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jan 05 22:33:17 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	119165	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	204634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	173502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	75871	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	62049	52.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.360%	
35) Dibromofluoromethane	7.740	113	66889	51.295	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.600%	
50) Toluene-d8	10.197	98	237300	52.847	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.700%	
62) 4-Bromofluorobenzene	12.495	95	76466	50.473	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.940%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	20643	21.126	ug/l	99
3) Chloromethane	2.125	50	29986	21.421	ug/l	99
4) Vinyl Chloride	2.265	62	34666	20.995	ug/l	98
5) Bromomethane	2.662	94	25752	21.770	ug/l	98
6) Chloroethane	2.808	64	24179	21.647	ug/l	98
7) Trichlorofluoromethane	3.143	101	43756	21.507	ug/l	99
8) Diethyl Ether	3.546	74	13842	21.289	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.924	101	28660	21.665	ug/l	99
10) Methyl Iodide	4.113	142	22525	20.015	ug/l	99
11) Tert butyl alcohol	4.978	59	10623	104.684	ug/l	96
12) 1,1-Dichloroethene	3.893	96	24114	21.246	ug/l	96
13) Acrolein	3.747	56	15128	113.489	ug/l	99
14) Allyl chloride	4.503	41	38930	21.696	ug/l	98
15) Acrylonitrile	5.192	53	31402	103.255	ug/l	99
16) Acetone	3.966	43	40363	127.191	ug/l	98
17) Carbon Disulfide	4.216	76	54744	20.186	ug/l	100
18) Methyl Acetate	4.503	43	23525	18.643	ug/l	98
19) Methyl tert-butyl Ether	5.247	73	61466	20.816	ug/l	97
20) Methylene Chloride	4.741	84	38363	20.499	ug/l	97
21) trans-1,2-Dichloroethene	5.241	96	27595	21.228	ug/l	97
22) Diisopropyl ether	6.137	45	91767	22.122	ug/l	99
23) Vinyl Acetate	6.082	43	207940	109.323	ug/l	99
24) 1,1-Dichloroethane	6.039	63	54355	21.805	ug/l	98
25) 2-Butanone	7.009	43	49215	117.300	ug/l	98
26) 2,2-Dichloropropane	7.002	77	47723	22.080	ug/l	98
27) cis-1,2-Dichloroethene	7.009	96	32563	21.369	ug/l	95
28) Bromochloromethane	7.356	49	21449	22.919	ug/l	96
29) Tetrahydrofuran	7.374	42	23569	98.872	ug/l	97
30) Chloroform	7.527	83	56437	21.969	ug/l	99
31) Cyclohexane	7.807	56	42122	20.838	ug/l	94
32) 1,1,1-Trichloroethane	7.722	97	47705	21.901	ug/l	100
36) 1,1-Dichloropropene	7.941	75	39423	20.745	ug/l	99
37) Ethyl Acetate	7.100	43	17650	20.437	ug/l	99
38) Carbon Tetrachloride	7.923	117	40530	20.991	ug/l	95
39) Methylcyclohexane	9.203	83	43168	20.206	ug/l	95
40) Benzene	8.179	78	120735	21.179	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	9588	21.080	ug/l	92
42) 1,2-Dichloroethane	8.252	62	31306	20.686	ug/l	100
43) Isopropyl Acetate	8.289	43	32792	19.828	ug/l	100
44) Trichloroethene	8.959	130	30088	20.742	ug/l	96
45) 1,2-Dichloropropane	9.234	63	31328	21.331	ug/l	98
46) Dibromomethane	9.319	93	15503	20.698	ug/l	97
47) Bromodichloromethane	9.514	83	41881	20.822	ug/l	100
48) Methyl methacrylate	9.307	41	16837	18.864	ug/l	95
49) 1,4-Dioxane	9.325	88	2787	359.356	ug/l	94
51) 4-Methyl-2-Pentanone	10.087	43	86988	98.903	ug/l	100
52) Toluene	10.258	92	73411	21.338	ug/l	99
53) t-1,3-Dichloropropene	10.484	75	36913	20.489	ug/l	100
54) cis-1,3-Dichloropropene	9.947	75	45507	21.033	ug/l	97
55) 1,1,2-Trichloroethane	10.660	97	22373	20.446	ug/l	99
56) Ethyl methacrylate	10.526	69	17686	19.082	ug/l	94
57) 1,3-Dichloropropane	10.807	76	38188	20.902	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.801	63	48504	94.801	ug/l	99
59) 2-Hexanone	10.849	43	67367	104.022	ug/l	100
60) Dibromochloromethane	11.002	129	25716	20.378	ug/l	99
61) 1,2-Dibromoethane	11.105	107	19330	20.332	ug/l	97
64) Tetrachloroethene	10.740	164	23200	20.625	ug/l	97
65) Chlorobenzene	11.532	112	77055	21.319	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.605	131	28949	21.070	ug/l	99
67) Ethyl Benzene	11.611	91	136833	21.028	ug/l	99
68) m/p-Xylenes	11.721	106	102752	43.019	ug/l	99
69) o-Xylene	12.044	106	47180	21.070	ug/l	100
70) Styrene	12.063	104	68965	21.162	ug/l	99
71) Bromoform	12.227	173	13741	20.315	ug/l #	99
73) Isopropylbenzene	12.349	105	130889	21.126	ug/l	100
74) N-amyl acetate	12.160	43	24887	19.993	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.599	83	25308	20.048	ug/l	97
76) 1,2,3-Trichloropropane	12.648	75	16823m	20.433	ug/l	
77) Bromobenzene	12.623	156	28522	20.909	ug/l	100
78) n-propylbenzene	12.690	91	161351	21.422	ug/l	99
79) 2-Chlorotoluene	12.776	91	87977	21.064	ug/l	99
80) 1,3,5-Trimethylbenzene	12.831	105	104956	21.419	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.398	75	7288	20.100	ug/l	95
82) 4-Chlorotoluene	12.873	91	91339	21.405	ug/l	100
83) tert-Butylbenzene	13.093	119	92242	21.373	ug/l	99
84) 1,2,4-Trimethylbenzene	13.135	105	100944	20.919	ug/l	98
85) sec-Butylbenzene	13.270	105	137296	21.469	ug/l	99
86) p-Isopropyltoluene	13.385	119	112779	21.369	ug/l	99
87) 1,3-Dichlorobenzene	13.385	146	55240	20.648	ug/l	99
88) 1,4-Dichlorobenzene	13.465	146	54384	20.784	ug/l	99
89) n-Butylbenzene	13.715	91	107540	21.192	ug/l	99
90) Hexachloroethane	13.977	117	23841	21.022	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	47575	20.578	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	3211	20.284	ug/l	92
93) 1,2,4-Trichlorobenzene	15.025	180	23593	20.550	ug/l	97
94) Hexachlorobutadiene	15.129	225	14870	20.675	ug/l	96
95) Naphthalene	15.257	128	38248	19.931	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	19775	20.286	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

