

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030824\
 Data File : VY017615.D
 Acq On : 08 Mar 2024 10:28
 Operator : SY/MD
 Sample : VY0308SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0308SBS01

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 03/11/2024
 Supervised By :Mahesh Dadoda 03/11/2024

Quant Time: Mar 08 22:21:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	123597	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	190974	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	170763	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	82522	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	70251	59.974	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.940%			
35) Dibromofluoromethane	7.722	113	80080	60.176	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 120.360%			
50) Toluene-d8	10.185	98	301493	64.797	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 129.600%			
62) 4-Bromofluorobenzene	12.489	95	93571	63.990	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 127.980%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	17983	19.724	ug/l	99
3) Chloromethane	2.113	50	29500	17.709	ug/l	95
4) Vinyl Chloride	2.247	62	40475	18.939	ug/l	99
5) Bromomethane	2.643	94	35446	20.353	ug/l	95
6) Chloroethane	2.790	64	27285	20.239	ug/l	99
7) Trichlorofluoromethane	3.125	101	45133	20.721	ug/l	94
8) Diethyl Ether	3.527	74	13266	20.766	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.893	101	27493	21.945	ug/l	98
10) Methyl Iodide	4.088	142	26096	18.560	ug/l	100
11) Tert butyl alcohol	4.960	59	11560	116.181	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	23979	20.537	ug/l	97
13) Acrolein	3.729	56	13126	99.979	ug/l	100
14) Allyl chloride	4.472	41	29756	21.092	ug/l	96
15) Acrylonitrile	5.167	53	29724	113.185	ug/l	99
16) Acetone	3.942	43	27834	122.510	ug/l	95
17) Carbon Disulfide	4.192	76	54148	15.451	ug/l	98
18) Methyl Acetate	4.472	43	11555	20.963	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	60644	22.284	ug/l	100
20) Methylene Chloride	4.716	84	40286	27.742	ug/l	96
21) trans-1,2-Dichloroethene	5.216	96	27338	19.998	ug/l	98
22) Diisopropyl ether	6.118	45	74079	22.755	ug/l	96
23) Vinyl Acetate	6.064	43	216729	111.721	ug/l	96
24) 1,1-Dichloroethane	6.015	63	49288	22.161	ug/l	99
25) 2-Butanone	6.984	43	38914	120.185	ug/l	93
26) 2,2-Dichloropropane	6.978	77	42596	22.779	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	33545	21.855	ug/l	99
28) Bromochloromethane	7.338	49	19495	22.256	ug/l	99
29) Tetrahydrofuran	7.356	42	21804	111.712	ug/l	98
30) Chloroform	7.508	83	53813	22.726	ug/l	96
31) Cyclohexane	7.789	56	35459	18.601	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	46060	22.405	ug/l	99
36) 1,1-Dichloropropene	7.923	75	38361	21.365	ug/l	99
37) Ethyl Acetate	7.069	43	16434	23.174	ug/l	98
38) Carbon Tetrachloride	7.905	117	39922	22.185	ug/l	95
39) Methylcyclohexane	9.191	83	41414	19.193	ug/l	99
40) Benzene	8.167	78	116197	21.792	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	8094m	22.745	ug/l	
42) 1,2-Dichloroethane	8.240	62	29337	22.550	ug/l	96
43) Isopropyl Acetate	8.277	43	27977	22.450	ug/l	99
44) Trichloroethene	8.947	130	32563	21.188	ug/l	97
45) 1,2-Dichloropropane	9.222	63	28610	22.553	ug/l	99
46) Dibromomethane	9.307	93	16033	22.083	ug/l	95
47) Bromodichloromethane	9.502	83	40964	23.238	ug/l	95
48) Methyl methacrylate	9.301	41	12182	21.119	ug/l	89
49) 1,4-Dioxane	9.307	88	3653	444.594	ug/l #	95
51) 4-Methyl-2-Pentanone	10.075	43	80912	116.499	ug/l	100
52) Toluene	10.252	92	73596	21.894	ug/l	100
53) t-1,3-Dichloropropene	10.471	75	36707	22.434	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	45066	22.667	ug/l	96
55) 1,1,2-Trichloroethane	10.654	97	24303	23.576	ug/l	99
56) Ethyl methacrylate	10.514	69	25408	21.556	ug/l	99
57) 1,3-Dichloropropane	10.794	76	37389	22.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.789	63	70691	118.842	ug/l	98
59) 2-Hexanone	10.837	43	59095	123.874	ug/l	99
60) Dibromochloromethane	10.990	129	28854	23.661	ug/l	99
61) 1,2-Dibromoethane	11.093	107	21300	22.423	ug/l	99
64) Tetrachloroethene	10.727	164	33144	20.222	ug/l	98
65) Chlorobenzene	11.526	112	82204	22.680	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	30516	22.473	ug/l	100
67) Ethyl Benzene	11.599	91	136047	21.402	ug/l	98
68) m/p-Xylenes	11.709	106	108241	43.335	ug/l	100
69) o-Xylene	12.038	106	50378	21.740	ug/l	98
70) Styrene	12.050	104	84806	22.048	ug/l	98
71) Bromoform	12.215	173	17245	22.918	ug/l #	97
73) Isopropylbenzene	12.337	105	131688	21.480	ug/l	98
74) N-amyl acetate	12.148	43	23816	22.025	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.593	83	25828	24.533	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	19837m	25.300	ug/l	
77) Bromobenzene	12.617	156	32490	21.883	ug/l	97
78) n-propylbenzene	12.678	91	163914	22.282	ug/l	100
79) 2-Chlorotoluene	12.764	91	89708	21.781	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	108031	21.994	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	7687	22.527	ug/l	99
82) 4-Chlorotoluene	12.861	91	93486	22.192	ug/l	99
83) tert-Butylbenzene	13.081	119	93015	21.565	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	105953	21.850	ug/l	100
85) sec-Butylbenzene	13.264	105	147168	22.317	ug/l	100
86) p-Isopropyltoluene	13.379	119	118403	21.934	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	64169	21.532	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	63836	22.033	ug/l	99
89) n-Butylbenzene	13.702	91	108617	22.054	ug/l	99
90) Hexachloroethane	13.971	117	24895	23.003	ug/l	100
91) 1,2-Dichlorobenzene	13.745	146	56104	22.257	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3312	22.378	ug/l	100
93) 1,2,4-Trichlorobenzene	15.013	180	29742	22.338	ug/l	99
94) Hexachlorobutadiene	15.117	225	19070	23.198	ug/l	98
95) Naphthalene	15.245	128	47304	20.814	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	25519	22.341	ug/l	98

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

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