

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050124\
 Data File : VY018099.D
 Acq On : 01 May 2024 15:38
 Operator : SY/MD
 Sample : VY0501SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0501SBS01

Quant Time: May 02 05:49:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050124S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 01 16:21:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 05/02/2024
 Supervised By :Semsettin Yesilyurt 05/02/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	320996	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	504903	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	432661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	201340	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126174	49.867	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.740%		
35) Dibromofluoromethane	7.710	113	144790	49.901	ug/l	-0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.800%		
50) Toluene-d8	10.179	98	574582	50.725	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.460%		
62) 4-Bromofluorobenzene	12.477	95	189665	48.654	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	97.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	55983	21.849	ug/l	100
3) Chloromethane	2.107	50	71536	21.367	ug/l	100
4) Vinyl Chloride	2.241	62	78108	21.563	ug/l	95
5) Bromomethane	2.650	94	37920	16.960	ug/l	96
6) Chloroethane	2.784	64	48249	21.388	ug/l	95
7) Trichlorofluoromethane	3.119	101	103283	21.417	ug/l	97
8) Diethyl Ether	3.521	74	31357	20.251	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.893	101	63673	21.157	ug/l	95
10) Methyl Iodide	4.082	142	80383	20.152	ug/l	96
11) Tert butyl alcohol	4.954	59	24778m	120.155	ug/l	
12) 1,1-Dichloroethene	3.863	96	63311	20.630	ug/l	91
13) Acrolein	3.723	56	29891	97.387	ug/l	96
14) Allyl chloride	4.466	41	80957	19.953	ug/l	99
15) Acrylonitrile	5.155	53	60952	104.799	ug/l	98
16) Acetone	3.942	43	43811	90.891	ug/l	91
17) Carbon Disulfide	4.186	76	190476	20.786	ug/l	98
18) Methyl Acetate	4.472	43	24971	20.228	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	142431	20.226	ug/l	97
20) Methylene Chloride	4.710	84	68881	20.393	ug/l	99
21) trans-1,2-Dichloroethene	5.210	96	66881	20.501	ug/l	96
22) Diisopropyl ether	6.112	45	164809	19.722	ug/l	95
23) Vinyl Acetate	6.051	43	530170	100.030	ug/l	99
24) 1,1-Dichloroethane	6.003	63	102740	20.361	ug/l	99
25) 2-Butanone	6.978	43	75070	100.109	ug/l #	88
26) 2,2-Dichloropropane	6.972	77	99202	21.021	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	78341	20.136	ug/l	96
28) Bromochloromethane	7.326	49	41731	20.464	ug/l	87
29) Tetrahydrofuran	7.344	42	47007	98.605	ug/l	98
30) Chloroform	7.502	83	107463	20.125	ug/l	98
31) Cyclohexane	7.777	56	100660	20.763	ug/l	96
32) 1,1,1-Trichloroethane	7.697	97	99812	20.480	ug/l	99
36) 1,1-Dichloropropene	7.911	75	80841	20.872	ug/l	95
37) Ethyl Acetate	7.069	43	35634	21.142	ug/l	98
38) Carbon Tetrachloride	7.893	117	91428	20.798	ug/l	96
39) Methylcyclohexane	9.179	83	122841	21.594	ug/l	98
40) Benzene	8.155	78	256656	20.622	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	20276m	20.399	ug/l	
42) 1,2-Dichloroethane	8.228	62	58656	20.343	ug/l	96
43) Isopropyl Acetate	8.270	43	72981	20.610	ug/l	96
44) Trichloroethene	8.935	130	73699	20.881	ug/l	93
45) 1,2-Dichloropropane	9.209	63	55317	20.372	ug/l	97
46) Dibromomethane	9.301	93	33731	20.431	ug/l	93
47) Bromodichloromethane	9.496	83	82623	20.385	ug/l	96
48) Methyl methacrylate	9.289	41	32694	20.170	ug/l	91
49) 1,4-Dioxane	9.307	88	8349	455.821	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	177229	102.476	ug/l	96
52) Toluene	10.240	92	169556	20.585	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	80443	20.541	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	93488	20.320	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	45758	20.607	ug/l	97
56) Ethyl methacrylate	10.508	69	64519	20.551	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	74212	20.920	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	147795	100.847	ug/l	92
59) 2-Hexanone	10.831	43	123812	100.305	ug/l	96
60) Dibromochloromethane	10.983	129	60501	20.060	ug/l	99
61) 1,2-Dibromoethane	11.087	107	43952	20.656	ug/l	98
64) Tetrachloroethene	10.715	164	65033	20.765	ug/l	98
65) Chlorobenzene	11.514	112	187829	20.568	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	61709	20.088	ug/l	100
67) Ethyl Benzene	11.593	91	316758	20.684	ug/l	94
68) m/p-Xylenes	11.703	106	251536	40.991	ug/l	97
69) o-Xylene	12.026	106	119392	20.253	ug/l	97
70) Styrene	12.044	104	201202	20.279	ug/l	98
71) Bromoform	12.209	173	36472	20.260	ug/l #	97
73) Isopropylbenzene	12.331	105	311596	20.563	ug/l	98
74) N-amyl acetate	12.142	43	67161	20.193	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	49758	20.636	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	32808m	19.416	ug/l	
77) Bromobenzene	12.605	156	73891	20.522	ug/l	93
78) n-propylbenzene	12.672	91	360257	20.645	ug/l	96
79) 2-Chlorotoluene	12.757	91	200909	20.272	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	249017	20.390	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	18654	20.111	ug/l	97
82) 4-Chlorotoluene	12.855	91	203550	20.044	ug/l	97
83) tert-Butylbenzene	13.075	119	234365	20.960	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	245874	20.551	ug/l	99
85) sec-Butylbenzene	13.251	105	336065	20.945	ug/l	97
86) p-Isopropyltoluene	13.367	119	281875	21.080	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	142754	20.729	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	140128	20.644	ug/l	97
89) n-Butylbenzene	13.696	91	247887	20.948	ug/l	96
90) Hexachloroethane	13.958	117	55641	20.481	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	123757	20.623	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7595	20.881	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	71837	21.419	ug/l	98
94) Hexachlorobutadiene	15.111	225	40880	22.020	ug/l	97
95) Naphthalene	15.233	128	131974	21.371	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	60687	21.685	ug/l	98

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

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