

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032724\
 Data File : VY017779.D
 Acq On : 27 Mar 2024 14:15
 Operator : SY/MD
 Sample : VY0327SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0327SBSD01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/28/2024
 Supervised By :Semsettin Yesilyurt 03/28/2024

Quant Time: Mar 28 02:16:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032224S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 04:03:52 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	126176	50.000	ug/l	-0.02
34) 1,4-Difluorobenzene	8.697	114	216342	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.496	117	187737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	82407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	62088	56.484	ug/l	-0.01
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.960%			
35) Dibromofluoromethane	7.722	113	63244	48.905	ug/l	-0.02
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.820%			
50) Toluene-d8	10.185	98	251118	50.737	ug/l	-0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.480%			
62) 4-Bromofluorobenzene	12.489	95	71423	48.057	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 96.120%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19967	18.330	ug/l	94
3) Chloromethane	2.119	50	29283	20.751	ug/l	96
4) Vinyl Chloride	2.253	62	37800	22.155	ug/l	97
5) Bromomethane	2.650	94	34346	25.781	ug/l	99
6) Chloroethane	2.796	64	26818	23.518	ug/l	98
7) Trichlorofluoromethane	3.131	101	34554	19.214	ug/l	98
8) Diethyl Ether	3.534	74	12648	21.333	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.912	101	25496	19.916	ug/l	96
10) Methyl Iodide	4.101	142	27464	17.550	ug/l	97
11) Tert butyl alcohol	4.966	59	9191	125.708	ug/l #	87
12) 1,1-Dichloroethene	3.881	96	23036	19.130	ug/l	90
13) Acrolein	3.735	56	10131	114.952	ug/l	96
14) Allyl chloride	4.485	41	34465	21.119	ug/l	95
15) Acrylonitrile	5.174	53	27371	111.440	ug/l	97
16) Acetone	3.954	43	21606	112.377	ug/l	99
17) Carbon Disulfide	4.204	76	68532	17.009	ug/l	98
18) Methyl Acetate	4.479	43	11170	23.075	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	55798	21.491	ug/l	98
20) Methylene Chloride	4.729	84	32705	23.390	ug/l	88
21) trans-1,2-Dichloroethene	5.228	96	27147	19.775	ug/l	95
22) Diisopropyl ether	6.125	45	80913	22.771	ug/l #	90
23) Vinyl Acetate	6.070	43	233064	111.674	ug/l	94
24) 1,1-Dichloroethane	6.021	63	50666	21.694	ug/l	94
25) 2-Butanone	6.996	43	34146	109.188	ug/l	91
26) 2,2-Dichloropropane	6.990	77	40115	20.207	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	32183	20.726	ug/l	91
28) Bromochloromethane	7.338	49	22026	24.327	ug/l #	80
29) Tetrahydrofuran	7.362	42	22134	110.249	ug/l	87
30) Chloroform	7.515	83	51893	21.433	ug/l	97
31) Cyclohexane	7.795	56	40621	18.684	ug/l	93
32) 1,1,1-Trichloroethane	7.710	97	42929	20.359	ug/l	95
36) 1,1-Dichloropropene	7.923	75	35446	17.742	ug/l	96
37) Ethyl Acetate	7.082	43	14807	19.288	ug/l	98
38) Carbon Tetrachloride	7.905	117	36240	17.324	ug/l	97
39) Methylcyclohexane	9.191	83	41493	16.179	ug/l	94
40) Benzene	8.167	78	114223	19.100	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	9002m	23.738	ug/l	
42) 1,2-Dichloroethane	8.246	62	28802	20.107	ug/l	96
43) Isopropyl Acetate	8.283	43	28795	19.402	ug/l	95
44) Trichloroethene	8.947	130	27549	17.612	ug/l	93
45) 1,2-Dichloropropane	9.222	63	27547	20.216	ug/l	95
46) Dibromomethane	9.313	93	14690	19.347	ug/l	95
47) Bromodichloromethane	9.502	83	37863	19.502	ug/l #	96
48) Methyl methacrylate	9.301	41	12427	18.413	ug/l	90
49) 1,4-Dioxane	9.307	88	2885	390.488	ug/l #	90
51) 4-Methyl-2-Pentanone	10.075	43	77080	97.941	ug/l	93
52) Toluene	10.252	92	68751	18.604	ug/l	98
53) t-1,3-Dichloropropene	10.471	75	33367	19.651	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	41433	19.975	ug/l	95
55) 1,1,2-Trichloroethane	10.648	97	18889	19.446	ug/l	98
56) Ethyl methacrylate	10.514	69	23200	17.843	ug/l #	85
57) 1,3-Dichloropropane	10.795	76	33685	20.133	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	65609	101.917	ug/l	96
59) 2-Hexanone	10.837	43	50893	94.759	ug/l	92
60) Dibromochloromethane	10.990	129	23919	18.410	ug/l	99
61) 1,2-Dibromoethane	11.093	107	17605	19.305	ug/l	98
64) Tetrachloroethene	10.727	164	31244	17.996	ug/l	98
65) Chlorobenzene	11.520	112	75332	18.641	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	25179	18.657	ug/l	99
67) Ethyl Benzene	11.599	91	126055	18.162	ug/l	99
68) m/p-Xylenes	11.709	106	100261	37.238	ug/l	99
69) o-Xylene	12.038	106	44402	18.063	ug/l	97
70) Styrene	12.050	104	75963	18.568	ug/l	99
71) Bromoform	12.215	173	12598	17.725	ug/l #	97
73) Isopropylbenzene	12.337	105	114885	18.463	ug/l	99
74) N-amyl acetate	12.148	43	23806	20.065	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.587	83	18798	19.620	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	15347m	20.167	ug/l	
77) Bromobenzene	12.617	156	26911	18.995	ug/l	96
78) n-propylbenzene	12.678	91	145406	19.304	ug/l	99
79) 2-Chlorotoluene	12.764	91	80354	19.453	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	93245	19.142	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.386	75	6648	20.187	ug/l	96
82) 4-Chlorotoluene	12.861	91	82497	19.465	ug/l	98
83) tert-Butylbenzene	13.081	119	80934	18.360	ug/l	99
84) 1,2,4-Trimethylbenzene	13.130	105	92184	19.304	ug/l	99
85) sec-Butylbenzene	13.258	105	126511	19.149	ug/l	99
86) p-Isopropyltoluene	13.373	119	103204	18.814	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	53224	18.539	ug/l	98
88) 1,4-Dichlorobenzene	13.453	146	53234	19.316	ug/l	97
89) n-Butylbenzene	13.703	91	97337	19.613	ug/l	97
90) Hexachloroethane	13.965	117	20544	18.365	ug/l	96
91) 1,2-Dichlorobenzene	13.745	146	45736	19.232	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2516	19.841	ug/l	85
93) 1,2,4-Trichlorobenzene	15.013	180	22853	19.837	ug/l	98
94) Hexachlorobutadiene	15.117	225	13828	18.699	ug/l	98
95) Naphthalene	15.245	128	35128	18.238	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	18894	19.864	ug/l	99

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

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