

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018203.D
 Acq On : 09 May 2024 11:19
 Operator : SY/MD
 Sample : VY0509SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0509SBS01

Quant Time: May 10 01:14:27 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/10/2024
 Supervised By :Semsettin Yesilyurt 05/10/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	191290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	328057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	286773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	130108	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	84292	59.898	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 119.800%			
35) Dibromofluoromethane	7.710	113	94783	54.976	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.960%			
50) Toluene-d8	10.179	98	364376	53.632	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.260%			
62) 4-Bromofluorobenzene	12.483	95	119441	54.438	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 108.880%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	32567	21.468	ug/l	99
3) Chloromethane	2.107	50	41830	20.599	ug/l	91
4) Vinyl Chloride	2.247	62	51642	20.978	ug/l	97
5) Bromomethane	2.637	94	37580	21.982	ug/l	94
6) Chloroethane	2.784	64	34356	21.991	ug/l	98
7) Trichlorofluoromethane	3.113	101	60362	20.934	ug/l	95
8) Diethyl Ether	3.515	74	23032	24.264	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.887	101	39402	21.442	ug/l	98
10) Methyl Iodide	4.082	142	43389	20.220	ug/l	97
11) Tert butyl alcohol	4.942	59	24350	194.227	ug/l #	97
12) 1,1-Dichloroethene	3.863	96	38589	20.860	ug/l	93
13) Acrolein	3.723	56	19358	138.746	ug/l	96
14) Allyl chloride	4.460	41	52876	22.468	ug/l	97
15) Acrylonitrile	5.149	53	48451	132.731	ug/l	98
16) Acetone	3.936	43	37193	132.438	ug/l	96
17) Carbon Disulfide	4.186	76	91221	18.113	ug/l	100
18) Methyl Acetate	4.473	43	19871	24.840	ug/l	99
19) Methyl tert-butyl Ether	5.216	73	101274	24.576	ug/l	95
20) Methylene Chloride	4.704	84	50806	25.595	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	41817	21.325	ug/l	88
22) Diisopropyl ether	6.106	45	117999	23.636	ug/l	93
23) Vinyl Acetate	6.052	43	374487	123.416	ug/l	98
24) 1,1-Dichloroethane	6.009	63	69635	22.647	ug/l	98
25) 2-Butanone	6.978	43	62414	139.035	ug/l	94
26) 2,2-Dichloropropane	6.972	77	64227	23.078	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	51324	22.147	ug/l	98
28) Bromochloromethane	7.326	49	30500	24.817	ug/l	94
29) Tetrahydrofuran	7.344	42	38810	130.973	ug/l	95
30) Chloroform	7.496	83	73984	23.048	ug/l	99
31) Cyclohexane	7.777	56	59597	20.497	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	62489	21.719	ug/l	99
36) 1,1-Dichloropropene	7.911	75	50304	20.353	ug/l	98
37) Ethyl Acetate	7.064	43	25822	24.822	ug/l #	96
38) Carbon Tetrachloride	7.893	117	55280	20.469	ug/l	97
39) Methylcyclohexane	9.179	83	69012	19.355	ug/l	95
40) Benzene	8.155	78	171518	21.574	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	13819	23.004	ug/l #	51
42) 1,2-Dichloroethane	8.234	62	39629	22.910	ug/l	99
43) Isopropyl Acetate	8.271	43	51943	24.360	ug/l	95
44) Trichloroethene	8.935	130	44968	20.778	ug/l	98
45) 1,2-Dichloropropane	9.216	63	37964	21.842	ug/l	98
46) Dibromomethane	9.301	93	22703	22.721	ug/l	94
47) Bromodichloromethane	9.496	83	55110	22.310	ug/l	95
48) Methyl methacrylate	9.289	41	23021	23.557	ug/l	94
49) 1,4-Dioxane	9.289	88	5897	444.611	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	133117	124.211	ug/l	95
52) Toluene	10.240	92	110507	21.591	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	51563	22.347	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	63305	22.445	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	32080	23.371	ug/l	95
56) Ethyl methacrylate	10.508	69	44052	23.630	ug/l	93
57) 1,3-Dichloropropane	10.788	76	53597	23.992	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	115410	129.648	ug/l	96
59) 2-Hexanone	10.831	43	92778	123.813	ug/l	95
60) Dibromochloromethane	10.984	129	41269	23.173	ug/l	97
61) 1,2-Dibromoethane	11.087	107	29969	23.180	ug/l	98
64) Tetrachloroethene	10.721	164	37574	19.679	ug/l	95
65) Chlorobenzene	11.514	112	126897	21.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	41839	22.146	ug/l	96
67) Ethyl Benzene	11.593	91	208818	21.175	ug/l	95
68) m/p-Xylenes	11.703	106	166462	42.685	ug/l	95
69) o-Xylene	12.032	106	79612	21.273	ug/l	96
70) Styrene	12.044	104	133574	21.372	ug/l	97
71) Bromoform	12.209	173	22808	21.819	ug/l #	98
73) Isopropylbenzene	12.331	105	202160	20.724	ug/l	98
74) N-amyl acetate	12.142	43	46889	23.155	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	35986	23.125	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	26305m	25.259	ug/l	
77) Bromobenzene	12.611	156	47123	21.028	ug/l	97
78) n-propylbenzene	12.672	91	236908	20.880	ug/l	98
79) 2-Chlorotoluene	12.758	91	133092	21.108	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	162031	21.065	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	12862	23.795	ug/l	98
82) 4-Chlorotoluene	12.855	91	134895	21.299	ug/l	96
83) tert-Butylbenzene	13.075	119	148574	20.941	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	157141	20.855	ug/l	96
85) sec-Butylbenzene	13.251	105	219814	21.121	ug/l	98
86) p-Isopropyltoluene	13.367	119	181342	21.181	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	91816	21.215	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	92338	21.886	ug/l	99
89) n-Butylbenzene	13.696	91	164862	21.277	ug/l	98
90) Hexachloroethane	13.959	117	34241	20.386	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	81876	22.010	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	4900	23.125	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	44928	21.484	ug/l	97
94) Hexachlorobutadiene	15.111	225	23577	20.434	ug/l	99
95) Naphthalene	15.239	128	86196	22.494	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	36837	21.464	ug/l	98

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

