

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061424\
 Data File : VY018587.D
 Acq On : 14 Jun 2024 12:01
 Operator : SY/MD
 Sample : VY0614SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0614SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/17/2024
 Supervised By :Semsettin Yesilyurt 06/17/2024

Quant Time: Jun 14 23:20:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	139185	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	235536	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	208798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	97585	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	81959	58.488	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 116.980%			
35) Dibromofluoromethane	7.703	113	84635	58.905	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.800%			
50) Toluene-d8	10.172	98	336628	60.923	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 121.840%			
62) 4-Bromofluorobenzene	12.477	95	102160	58.552	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 117.100%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.899	85	18131	19.778	ug/l	100
3) Chloromethane	2.107	50	37767	20.003	ug/l	95
4) Vinyl Chloride	2.241	62	49604	21.215	ug/l	97
5) Bromomethane	2.625	94	33914	19.514	ug/l	95
6) Chloroethane	2.777	64	32535	21.242	ug/l	95
7) Trichlorofluoromethane	3.100	101	55639	22.098	ug/l	93
8) Diethyl Ether	3.515	74	14406	20.067	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.881	101	29420	22.363	ug/l	96
10) Methyl Iodide	4.070	142	26365	17.039	ug/l	98
11) Tert butyl alcohol	4.929	59	20095	79.724	ug/l #	89
12) 1,1-Dichloroethene	3.850	96	26138	19.771	ug/l	99
13) Acrolein	3.722	56	6667	82.273	ug/l	100
14) Allyl chloride	4.460	41	35323	19.819	ug/l	94
15) Acrylonitrile	5.149	53	32167	100.720	ug/l	100
16) Acetone	3.930	43	28441	99.759	ug/l	100
17) Carbon Disulfide	4.173	76	61705	16.926	ug/l	98
18) Methyl Acetate	4.454	43	14214	19.656	ug/l	96
19) Methyl tert-butyl Ether	5.198	73	70245	19.919	ug/l	93
20) Methylene Chloride	4.692	84	39039	16.154	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	29608	19.673	ug/l	91
22) Diisopropyl ether	6.106	45	85546	21.261	ug/l	97
23) Vinyl Acetate	6.045	43	260845	81.856	ug/l	98
24) 1,1-Dichloroethane	6.002	63	52513	20.258	ug/l	98
25) 2-Butanone	6.972	43	44077	103.141	ug/l #	87
26) 2,2-Dichloropropane	6.966	77	44695	20.465	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	37681	20.729	ug/l	98
28) Bromochloromethane	7.319	49	23209	21.844	ug/l	92
29) Tetrahydrofuran	7.338	42	26400	100.665	ug/l	94
30) Chloroform	7.496	83	57605	20.391	ug/l	94
31) Cyclohexane	7.776	56	45259	21.085	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	49376	20.573	ug/l	97
36) 1,1-Dichloropropene	7.904	75	42013	21.243	ug/l	95
37) Ethyl Acetate	7.057	43	17821	19.115	ug/l #	95
38) Carbon Tetrachloride	7.892	117	42938	20.694	ug/l	92
39) Methylcyclohexane	9.179	83	51453	21.233	ug/l	98
40) Benzene	8.148	78	125266	20.480	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	10471m	22.331	ug/l	
42) 1,2-Dichloroethane	8.228	62	31995	20.051	ug/l	97
43) Isopropyl Acetate	8.270	43	35215	20.237	ug/l	94
44) Trichloroethene	8.935	130	32226	20.124	ug/l	95
45) 1,2-Dichloropropane	9.209	63	29345	20.982	ug/l	95
46) Dibromomethane	9.294	93	17892	20.618	ug/l	94
47) Bromodichloromethane	9.490	83	44061	21.273	ug/l #	97
48) Methyl methacrylate	9.288	41	16146	20.611	ug/l	91
49) 1,4-Dioxane	9.294	88	4184	366.596	ug/l #	98
51) 4-Methyl-2-Pentanone	10.063	43	93712	102.241	ug/l	97
52) Toluene	10.239	92	80396	20.473	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	36101	19.945	ug/l	95
54) cis-1,3-Dichloropropene	9.922	75	45218	20.702	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	22374	19.384	ug/l	93
56) Ethyl methacrylate	10.508	69	29886	19.787	ug/l #	90
57) 1,3-Dichloropropane	10.782	76	39515	20.609	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	78012	106.990	ug/l	98
59) 2-Hexanone	10.831	43	65929	102.688	ug/l	95
60) Dibromochloromethane	10.977	129	27839	19.416	ug/l	98
61) 1,2-Dibromoethane	11.081	107	22046	20.667	ug/l	97
64) Tetrachloroethene	10.715	164	31018	20.828	ug/l	97
65) Chlorobenzene	11.514	112	88081	20.421	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	28569	19.765	ug/l	98
67) Ethyl Benzene	11.587	91	154241	20.609	ug/l	100
68) m/p-Xylenes	11.697	106	120489	41.373	ug/l	100
69) o-Xylene	12.026	106	56977	20.345	ug/l	99
70) Styrene	12.038	104	94959	20.525	ug/l	98
71) Bromoform	12.203	173	14647	18.467	ug/l #	97
73) Isopropylbenzene	12.324	105	149518	20.982	ug/l	100
74) N-amyl acetate	12.142	43	31115	21.323	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.580	83	27680	21.877	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	20561m	22.461	ug/l	
77) Bromobenzene	12.605	156	33192	20.141	ug/l	96
78) n-propylbenzene	12.666	91	182264	21.855	ug/l	99
79) 2-Chlorotoluene	12.751	91	100509	21.351	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	121273	21.473	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	7047	20.165	ug/l	87
82) 4-Chlorotoluene	12.855	91	101666	21.446	ug/l	99
83) tert-Butylbenzene	13.074	119	113857	21.782	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	120937	21.425	ug/l	98
85) sec-Butylbenzene	13.251	105	166280	22.305	ug/l	98
86) p-Isopropyltoluene	13.367	119	135096	21.375	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	68366	20.568	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	67279	20.626	ug/l	98
89) n-Butylbenzene	13.696	91	126625	22.228	ug/l	98
90) Hexachloroethane	13.958	117	23817	20.744	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	59723	21.033	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.348	75	3703	20.211	ug/l	81
93) 1,2,4-Trichlorobenzene	15.007	180	31730	20.058	ug/l	97
94) Hexachlorobutadiene	15.111	225	17581	21.630	ug/l	98
95) Naphthalene	15.232	128	55267	18.695	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	26017	19.465	ug/l	98

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

