

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061124\
 Data File : VY018556.D
 Acq On : 11 Jun 2024 14:44
 Operator : SY/MD
 Sample : VY0611SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0611SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/12/2024
 Supervised By :Semsettin Yesilyurt 06/12/2024

Quant Time: Jun 12 02:59:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	37955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	60669	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	54790	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	38390	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	37070	49.733	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.460%		
35) Dibromofluoromethane	7.709	113	35015	45.514	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.020%		
50) Toluene-d8	10.172	98	135586	44.301	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.600%		
62) 4-Bromofluorobenzene	12.477	95	44666	46.873	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.740%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	12261	20.340	ug/l	94
3) Chloromethane	2.107	50	27199	24.195	ug/l	96
4) Vinyl Chloride	2.241	62	32321	24.037	ug/l	92
5) Bromomethane	2.637	94	20598	22.961	ug/l	88
6) Chloroethane	2.784	64	20270	23.876	ug/l	90
7) Trichlorofluoromethane	3.113	101	30489	21.915	ug/l	98
8) Diethyl Ether	3.515	74	9846	23.521	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.881	101	16639	20.539	ug/l	90
10) Methyl Iodide	4.082	142	15234	19.145	ug/l	95
11) Tert butyl alcohol	4.942	59	11115	90.343	ug/l #	84
12) 1,1-Dichloroethene	3.857	96	16452	20.662	ug/l #	80
13) Acrolein	3.716	56	6194	81.184	ug/l	96
14) Allyl chloride	4.466	41	25684	22.025	ug/l	88
15) Acrylonitrile	5.143	53	23748	124.053	ug/l	98
16) Acetone	3.936	43	19141	115.700	ug/l #	86
17) Carbon Disulfide	4.186	76	42675	18.270	ug/l	99
18) Methyl Acetate	4.466	43	10516	25.420	ug/l	90
19) Methyl tert-butyl Ether	5.204	73	43831	22.840	ug/l	92
20) Methylene Chloride	4.710	84	26635	26.892	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	18031	21.220	ug/l	91
22) Diisopropyl ether	6.112	45	62487	26.312	ug/l #	94
23) Vinyl Acetate	6.045	43	196246	126.974	ug/l #	93
24) 1,1-Dichloroethane	6.002	63	35435	23.922	ug/l	95
25) 2-Butanone	6.978	43	32252	127.257	ug/l #	83
26) 2,2-Dichloropropane	6.966	77	26784	20.573	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	21553	21.806	ug/l	89
28) Bromochloromethane	7.332	49	15344	22.510	ug/l #	76
29) Tetrahydrofuran	7.338	42	20674	125.607	ug/l #	86
30) Chloroform	7.496	83	34677	23.341	ug/l	94
31) Cyclohexane	7.770	56	30200	21.730	ug/l	90
32) 1,1,1-Trichloroethane	7.697	97	27320	20.996	ug/l #	92
36) 1,1-Dichloropropene	7.911	75	25130	21.423	ug/l	94
37) Ethyl Acetate	7.063	43	14396	24.566	ug/l	96
38) Carbon Tetrachloride	7.892	117	23562	20.044	ug/l	94
39) Methylcyclohexane	9.179	83	32850	20.716	ug/l	88
40) Benzene	8.155	78	77295	21.992	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	8037	28.196	ug/l #	65
42) 1,2-Dichloroethane	8.228	62	19658	23.005	ug/l	100
43) Isopropyl Acetate	8.270	43	27545	25.138	ug/l #	82
44) Trichloroethene	8.935	130	18394	21.118	ug/l	94
45) 1,2-Dichloropropane	9.215	63	18694	23.257	ug/l	95
46) Dibromomethane	9.301	93	10373	22.508	ug/l	89
47) Bromodichloromethane	9.490	83	24388	22.046	ug/l	96
48) Methyl methacrylate	9.288	41	11798	23.402	ug/l	84
49) 1,4-Dioxane	9.288	88	2533	418.548	ug/l #	71
51) 4-Methyl-2-Pentanone	10.063	43	72736	127.837	ug/l	90
52) Toluene	10.240	92	47003	21.743	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	21968	21.624	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	26215	20.958	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	14037	23.412	ug/l	97
56) Ethyl methacrylate	10.508	69	18852	22.344	ug/l #	72
57) 1,3-Dichloropropane	10.788	76	24566	24.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	52214	115.243	ug/l	93
59) 2-Hexanone	10.831	43	50642	128.800	ug/l	88
60) Dibromochloromethane	10.983	129	15170	20.710	ug/l	97
61) 1,2-Dibromoethane	11.087	107	12461	22.070	ug/l	97
64) Tetrachloroethene	10.715	164	15668	19.414	ug/l	93
65) Chlorobenzene	11.514	112	49127	20.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	15248	20.070	ug/l	97
67) Ethyl Benzene	11.587	91	90937	21.264	ug/l	96
68) m/p-Xylenes	11.697	106	68628	42.616	ug/l	95
69) o-Xylene	12.026	106	32969	21.268	ug/l	96
70) Styrene	12.044	104	55600	21.952	ug/l	100
71) Bromoform	12.209	173	8023	20.045	ug/l #	93
73) Isopropylbenzene	12.325	105	85220	21.512	ug/l	99
74) N-amyl acetate	12.142	43	23638	24.513	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	16737	24.000	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	11294m	23.725	ug/l	
77) Bromobenzene	12.605	156	17648	20.981	ug/l	88
78) n-propylbenzene	12.666	91	106834	22.469	ug/l	96
79) 2-Chlorotoluene	12.751	91	56978	22.043	ug/l	95
80) 1,3,5-Trimethylbenzene	12.806	105	66502	21.553	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	4523	19.962	ug/l #	79
82) 4-Chlorotoluene	12.855	91	58421	22.460	ug/l	96
83) tert-Butylbenzene	13.074	119	59477	20.846	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	68869	22.799	ug/l	97
85) sec-Butylbenzene	13.251	105	93350	22.216	ug/l	98
86) p-Isopropyltoluene	13.367	119	74031	21.830	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	35643	21.482	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	35354	21.689	ug/l	96
89) n-Butylbenzene	13.696	91	73317	22.751	ug/l	98
90) Hexachloroethane	13.958	117	13034	20.505	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	29805	20.643	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2422	22.823	ug/l	74
93) 1,2,4-Trichlorobenzene	15.001	180	15043	19.265	ug/l	94
94) Hexachlorobutadiene	15.111	225	8335	20.098	ug/l	96
95) Naphthalene	15.233	128	31807	20.282	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	13389	20.266	ug/l	97

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

