

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
 Data File : VY018542.D
 Acq On : 10 Jun 2024 11:41
 Operator : SY/MD
 Sample : VY0610SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0610SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/11/2024
 Supervised By :Semsettin Yesilyurt 06/11/2024

Quant Time: Jun 11 01:53:04 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	44132	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	73053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	66273	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47741	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	39215	45.247	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	90.500%		
35) Dibromofluoromethane	7.710	113	40313	43.518	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.040%		
50) Toluene-d8	10.179	98	151792	41.188	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	82.380%		
62) 4-Bromofluorobenzene	12.477	95	48812	42.540	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	85.080%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	13140	18.748	ug/l	97
3) Chloromethane	2.107	50	28487	21.794	ug/l	98
4) Vinyl Chloride	2.241	62	31388	20.076	ug/l	98
5) Bromomethane	2.638	94	21326	20.445	ug/l	100
6) Chloroethane	2.784	64	21743	22.027	ug/l	99
7) Trichlorofluoromethane	3.113	101	32500	20.091	ug/l	88
8) Diethyl Ether	3.515	74	10184	20.923	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.887	101	17595	18.680	ug/l	91
10) Methyl Iodide	4.076	142	17138	18.523	ug/l	94
11) Tert butyl alcohol	4.930	59	9222	40.435	ug/l #	85
12) 1,1-Dichloroethene	3.857	96	17367	18.758	ug/l	84
13) Acrolein	3.717	56	6384	71.963	ug/l	97
14) Allyl chloride	4.466	41	29149	21.498	ug/l #	93
15) Acrylonitrile	5.149	53	24539	110.244	ug/l	96
16) Acetone	3.936	43	21675	112.679	ug/l	88
17) Carbon Disulfide	4.186	76	44830	16.506	ug/l	100
18) Methyl Acetate	4.460	43	11304	23.500	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	49811	22.324	ug/l	98
20) Methylene Chloride	4.698	84	26183	22.099	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	19710	19.949	ug/l	98
22) Diisopropyl ether	6.112	45	64098	23.213	ug/l	92
23) Vinyl Acetate	6.052	43	204547	113.821	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	38237	22.201	ug/l	98
25) 2-Butanone	6.978	43	33787	114.654	ug/l #	76
26) 2,2-Dichloropropane	6.966	77	29259	19.328	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	23921	20.814	ug/l	91
28) Bromochloromethane	7.320	49	17040	21.499	ug/l #	79
29) Tetrahydrofuran	7.338	42	23101	120.707	ug/l #	84
30) Chloroform	7.496	83	38305	22.174	ug/l	98
31) Cyclohexane	7.783	56	31686	19.608	ug/l	90
32) 1,1,1-Trichloroethane	7.691	97	31016	20.500	ug/l	95
36) 1,1-Dichloropropene	7.911	75	27489	19.462	ug/l	95
37) Ethyl Acetate	7.070	43	15578	22.077	ug/l	97
38) Carbon Tetrachloride	7.893	117	26259	18.552	ug/l	95
39) Methylcyclohexane	9.179	83	34100	17.858	ug/l	96
40) Benzene	8.149	78	84693	20.012	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	8257	24.057	ug/l	86
42) 1,2-Dichloroethane	8.234	62	22218	21.594	ug/l	100
43) Isopropyl Acetate	8.265	43	28713	21.762	ug/l #	88
44) Trichloroethene	8.935	130	19973	19.044	ug/l	96
45) 1,2-Dichloropropane	9.210	63	20087	20.754	ug/l	100
46) Dibromomethane	9.301	93	11617	20.935	ug/l	92
47) Bromodichloromethane	9.496	83	26965	20.243	ug/l	99
48) Methyl methacrylate	9.289	41	12395	20.419	ug/l	86
49) 1,4-Dioxane	9.289	88	3193	438.165	ug/l #	98
51) 4-Methyl-2-Pentanone	10.069	43	77380	112.945	ug/l	90
52) Toluene	10.240	92	53380	20.507	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	25025	20.458	ug/l	92
54) cis-1,3-Dichloropropene	9.923	75	31751	21.081	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	15524	21.502	ug/l	90
56) Ethyl methacrylate	10.508	69	22148	21.800	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	27166	22.165	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	55726	102.144	ug/l	97
59) 2-Hexanone	10.831	43	54744	115.630	ug/l	89
60) Dibromochloromethane	10.984	129	17346	19.666	ug/l	98
61) 1,2-Dibromoethane	11.087	107	14057	20.677	ug/l	100
64) Tetrachloroethene	10.715	164	18199	18.643	ug/l	95
65) Chlorobenzene	11.514	112	55497	19.527	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	17250	18.771	ug/l	98
67) Ethyl Benzene	11.593	91	101103	19.544	ug/l	99
68) m/p-Xylenes	11.697	106	74290	38.139	ug/l	94
69) o-Xylene	12.026	106	36359	19.391	ug/l	98
70) Styrene	12.044	104	62445	20.383	ug/l	98
71) Bromoform	12.203	173	8162	16.859	ug/l #	94
73) Isopropylbenzene	12.325	105	94422	19.166	ug/l	98
74) N-amyl acetate	12.142	43	26072	21.742	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	18391	21.206	ug/l	94
76) 1,2,3-Trichloropropane	12.630	75	12515m	21.140	ug/l	
77) Bromobenzene	12.605	156	20106	19.221	ug/l	88
78) n-propylbenzene	12.672	91	117435	19.861	ug/l	96
79) 2-Chlorotoluene	12.758	91	64371	20.025	ug/l	97
80) 1,3,5-Trimethylbenzene	12.813	105	75120	19.578	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	5447	19.331	ug/l #	86
82) 4-Chlorotoluene	12.855	91	66318	20.502	ug/l	97
83) tert-Butylbenzene	13.075	119	66522	18.748	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	76488	20.361	ug/l	96
85) sec-Butylbenzene	13.251	105	101925	19.506	ug/l	99
86) p-Isopropyltoluene	13.367	119	81312	19.281	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	40839	19.793	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	41014	20.233	ug/l	97
89) n-Butylbenzene	13.697	91	83753	20.899	ug/l	95
90) Hexachloroethane	13.959	117	14594	18.462	ug/l	85
91) 1,2-Dichlorobenzene	13.739	146	36373	20.258	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2598	19.686	ug/l	73
93) 1,2,4-Trichlorobenzene	15.007	180	17994	18.530	ug/l	96
94) Hexachlorobutadiene	15.111	225	8902	17.261	ug/l	95
95) Naphthalene	15.233	128	37931	19.449	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	15774	19.199	ug/l	98

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

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