

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071924\
 Data File : VY018876.D
 Acq On : 19 Jul 2024 12:37
 Operator : SY/MD
 Sample : VY0719SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0719SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/22/2024
 Supervised By :Semsettin Yesilyurt 07/22/2024

Quant Time: Jul 19 23:02:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	110478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	168189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	147812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	71724	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52734	48.508	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.020%		
35) Dibromofluoromethane	7.710	113	54389	51.632	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.260%		
50) Toluene-d8	10.173	98	197074	49.381	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.760%		
62) 4-Bromofluorobenzene	12.477	95	65582	48.119	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	96.240%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	16174	17.472	ug/l	95
3) Chloromethane	2.107	50	22201	15.782	ug/l	99
4) Vinyl Chloride	2.241	62	28981	17.611	ug/l	94
5) Bromomethane	2.631	94	22389	19.779	ug/l	98
6) Chloroethane	2.778	64	18715	17.505	ug/l	98
7) Trichlorofluoromethane	3.113	101	40431	18.802	ug/l	92
8) Diethyl Ether	3.515	74	10003	19.085	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.881	101	20439	18.525	ug/l	92
10) Methyl Iodide	4.070	142	21614	18.192	ug/l	94
11) Tert butyl alcohol	4.954	59	8858m	80.435	ug/l	
12) 1,1-Dichloroethene	3.857	96	19040	17.838	ug/l	94
13) Acrolein	3.710	56	5453	61.803	ug/l	93
14) Allyl chloride	4.466	41	24383	18.440	ug/l	89
15) Acrylonitrile	5.143	53	19473	94.179	ug/l	96
16) Acetone	3.930	43	16806	83.852	ug/l	89
17) Carbon Disulfide	4.180	76	46382	15.519	ug/l	99
18) Methyl Acetate	4.466	43	10647	18.282	ug/l #	75
19) Methyl tert-butyl Ether	5.216	73	46171	18.647	ug/l	94
20) Methylene Chloride	4.698	84	28234	22.105	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	20042	17.791	ug/l	94
22) Diisopropyl ether	6.106	45	54303	18.879	ug/l #	88
23) Vinyl Acetate	6.051	43	210463	92.875	ug/l	97
24) 1,1-Dichloroethane	6.003	63	34599	18.840	ug/l	96
25) 2-Butanone	6.972	43	24446	87.015	ug/l	91
26) 2,2-Dichloropropane	6.966	77	32412	19.021	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	24781	18.894	ug/l	98
28) Bromochloromethane	7.325	49	13782	18.685	ug/l	97
29) Tetrahydrofuran	7.344	42	16062	93.257	ug/l	95
30) Chloroform	7.496	83	40352	19.715	ug/l	99
31) Cyclohexane	7.777	56	28772	17.227	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	36406	19.128	ug/l	96
36) 1,1-Dichloropropene	7.911	75	26963	18.548	ug/l	99
37) Ethyl Acetate	7.063	43	12521	20.721	ug/l #	92
38) Carbon Tetrachloride	7.886	117	34466	19.685	ug/l	89
39) Methylcyclohexane	9.179	83	34075	18.291	ug/l	93
40) Benzene	8.155	78	82375	19.533	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	5848m	16.975	ug/l	
42) 1,2-Dichloroethane	8.228	62	23805	20.162	ug/l	93
43) Isopropyl Acetate	8.264	43	22872	19.023	ug/l	94
44) Trichloroethene	8.935	130	23617	19.592	ug/l	94
45) 1,2-Dichloropropane	9.209	63	17986	19.586	ug/l	96
46) Dibromomethane	9.301	93	11976	20.119	ug/l	99
47) Bromodichloromethane	9.490	83	30016	20.185	ug/l	97
48) Methyl methacrylate	9.289	41	9988	18.276	ug/l #	86
49) 1,4-Dioxane	9.295	88	2865	410.597	ug/l #	94
51) 4-Methyl-2-Pentanone	10.063	43	59464	96.866	ug/l	94
52) Toluene	10.240	92	53957	19.250	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	25184	19.615	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	29327	19.470	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	15902	21.097	ug/l	95
56) Ethyl methacrylate	10.508	69	18172	18.311	ug/l #	79
57) 1,3-Dichloropropane	10.788	76	24718	19.782	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	43093	90.891	ug/l	94
59) 2-Hexanone	10.831	43	39505	91.986	ug/l	96
60) Dibromochloromethane	10.983	129	22128	21.366	ug/l	94
61) 1,2-Dibromoethane	11.081	107	14957	20.411	ug/l	98
64) Tetrachloroethene	10.715	164	22897	19.138	ug/l	92
65) Chlorobenzene	11.514	112	61300	19.659	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	21890	20.376	ug/l	95
67) Ethyl Benzene	11.587	91	104194	19.075	ug/l	99
68) m/p-Xylenes	11.697	106	82701	38.582	ug/l	99
69) o-Xylene	12.026	106	40167	19.932	ug/l	96
70) Styrene	12.038	104	63953	19.019	ug/l	96
71) Bromoform	12.203	173	12224	20.875	ug/l #	100
73) Isopropylbenzene	12.325	105	104905	19.985	ug/l	99
74) N-amyl acetate	12.142	43	19931	18.566	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	15806	19.101	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	13095m	23.311	ug/l	
77) Bromobenzene	12.605	156	26421	21.084	ug/l	89
78) n-propylbenzene	12.666	91	121631	19.512	ug/l	96
79) 2-Chlorotoluene	12.751	91	68005	19.402	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	84812	19.747	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	4785	19.064	ug/l	85
82) 4-Chlorotoluene	12.855	91	70882	19.639	ug/l	98
83) tert-Butylbenzene	13.068	119	80053	20.188	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	84422	19.780	ug/l	100
85) sec-Butylbenzene	13.251	105	112528	19.993	ug/l	97
86) p-Isopropyltoluene	13.367	119	96071	19.772	ug/l	96
87) 1,3-Dichlorobenzene	13.361	146	49335	20.045	ug/l	98
88) 1,4-Dichlorobenzene	13.440	146	48905	20.048	ug/l	98
89) n-Butylbenzene	13.696	91	86596	19.658	ug/l	97
90) Hexachloroethane	13.958	117	17501	19.367	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	43091	20.268	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2497	18.622	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	26505	20.422	ug/l	96
94) Hexachlorobutadiene	15.111	225	15519	20.745	ug/l	99
95) Naphthalene	15.233	128	43740	19.646	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	22181	19.975	ug/l	96

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

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