

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071724\
 Data File : VY018846.D
 Acq On : 17 Jul 2024 14:13
 Operator : SY/MD
 Sample : VY0717SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0717SBS01

Quant Time: Jul 18 01:26:13 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

Manual Integrations APPROVED

Reviewed By :Romaben Patel 07/18/2024
 Supervised By :Semsettin Yesilyurt 07/18/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	104688	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	161141	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	140624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	69684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	50947	49.456	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.920%		
35) Dibromofluoromethane	7.704	113	52173	51.694	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	103.380%		
50) Toluene-d8	10.173	98	193682	50.653	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	101.300%		
62) 4-Bromofluorobenzene	12.477	95	66128	50.642	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	101.280%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	16681	19.016	ug/l	91
3) Chloromethane	2.107	50	23434	17.579	ug/l	96
4) Vinyl Chloride	2.241	62	31333	20.093	ug/l	100
5) Bromomethane	2.637	94	22628	21.096	ug/l	100
6) Chloroethane	2.778	64	20182	19.921	ug/l	95
7) Trichlorofluoromethane	3.107	101	40636	19.942	ug/l	96
8) Diethyl Ether	3.515	74	10163	20.463	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.881	101	21527	20.590	ug/l	99
10) Methyl Iodide	4.076	142	21736	19.307	ug/l	92
11) Tert butyl alcohol	4.942	59	10416	99.813	ug/l #	97
12) 1,1-Dichloroethene	3.851	96	20122	19.895	ug/l	93
13) Acrolein	3.704	56	6625	79.239	ug/l	100
14) Allyl chloride	4.460	41	23934	19.101	ug/l #	88
15) Acrylonitrile	5.149	53	20161	102.900	ug/l	97
16) Acetone	3.936	43	18405	96.909	ug/l	87
17) Carbon Disulfide	4.174	76	51787	18.286	ug/l #	94
18) Methyl Acetate	4.460	43	11212	20.317	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	48673	20.745	ug/l	93
20) Methylene Chloride	4.698	84	34222	29.813	ug/l	88
21) trans-1,2-Dichloroethene	5.198	96	21242	19.899	ug/l	89
22) Diisopropyl ether	6.100	45	57420	21.067	ug/l	92
23) Vinyl Acetate	6.039	43	220559	102.714	ug/l	100
24) 1,1-Dichloroethane	6.003	63	35547	20.427	ug/l	97
25) 2-Butanone	6.972	43	27113	101.846	ug/l	89
26) 2,2-Dichloropropane	6.960	77	33122	20.513	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	25746	20.716	ug/l	97
28) Bromochloromethane	7.326	49	14575	20.853	ug/l	99
29) Tetrahydrofuran	7.338	42	17083	104.671	ug/l	94
30) Chloroform	7.496	83	40885	21.080	ug/l	93
31) Cyclohexane	7.771	56	30220	19.095	ug/l	93
32) 1,1,1-Trichloroethane	7.691	97	37960	21.048	ug/l	99
36) 1,1-Dichloropropene	7.905	75	28179	20.232	ug/l	98
37) Ethyl Acetate	7.064	43	12721	21.973	ug/l #	95
38) Carbon Tetrachloride	7.887	117	34690	20.679	ug/l	94
39) Methylcyclohexane	9.173	83	34447	19.299	ug/l	92
40) Benzene	8.149	78	84298	20.864	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	6601m	19.999	ug/l	
42) 1,2-Dichloroethane	8.228	62	23265	20.566	ug/l	98
43) Isopropyl Acetate	8.271	43	24350	21.138	ug/l	93
44) Trichloroethene	8.935	130	24314	21.052	ug/l	94
45) 1,2-Dichloropropane	9.203	63	18313	20.814	ug/l	91
46) Dibromomethane	9.295	93	12311	21.587	ug/l	98
47) Bromodichloromethane	9.490	83	30564	21.453	ug/l	98
48) Methyl methacrylate	9.283	41	10581	20.208	ug/l #	84
49) 1,4-Dioxane	9.295	88	2952	441.569	ug/l #	92
51) 4-Methyl-2-Pentanone	10.063	43	61121	103.920	ug/l	94
52) Toluene	10.240	92	54535	20.307	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	25291	20.560	ug/l	93
54) cis-1,3-Dichloropropene	9.923	75	30635	21.228	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	15683	21.716	ug/l	96
56) Ethyl methacrylate	10.502	69	19363	20.365	ug/l #	81
57) 1,3-Dichloropropane	10.788	76	25975	21.697	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	44302	97.528	ug/l	93
59) 2-Hexanone	10.831	43	42360	102.948	ug/l	90
60) Dibromochloromethane	10.984	129	21645	21.813	ug/l	98
61) 1,2-Dibromoethane	11.081	107	15412	21.951	ug/l	98
64) Tetrachloroethene	10.715	164	23753	20.868	ug/l	97
65) Chlorobenzene	11.514	112	63753	21.491	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	22223	21.743	ug/l	95
67) Ethyl Benzene	11.587	91	106972	20.584	ug/l	98
68) m/p-Xylenes	11.697	106	85684	42.016	ug/l	98
69) o-Xylene	12.026	106	39769	20.743	ug/l	94
70) Styrene	12.044	104	67104	20.976	ug/l	96
71) Bromoform	12.203	173	11937	21.427	ug/l #	95
73) Isopropylbenzene	12.325	105	105622	20.710	ug/l	98
74) N-amyl acetate	12.142	43	20323	19.486	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	16710	20.784	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	12094m	22.159	ug/l	
77) Bromobenzene	12.611	156	25200	20.698	ug/l	93
78) n-propylbenzene	12.672	91	123343	20.366	ug/l	96
79) 2-Chlorotoluene	12.752	91	70635	20.742	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	87289	20.918	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	4949	20.294	ug/l #	83
82) 4-Chlorotoluene	12.855	91	71848	20.489	ug/l	98
83) tert-Butylbenzene	13.075	119	80804	20.974	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	87258	21.043	ug/l	100
85) sec-Butylbenzene	13.251	105	115615	21.143	ug/l	95
86) p-Isopropyltoluene	13.367	119	99116	20.996	ug/l	96
87) 1,3-Dichlorobenzene	13.367	146	50901	21.286	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	48236	20.353	ug/l	98
89) n-Butylbenzene	13.696	91	88878	20.767	ug/l	96
90) Hexachloroethane	13.965	117	18150	20.673	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	43758	21.184	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2769	21.255	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	26198	20.777	ug/l	97
94) Hexachlorobutadiene	15.111	225	14805	20.370	ug/l	97
95) Naphthalene	15.233	128	43235	19.987	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	21625	20.044	ug/l	99

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

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