

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
 Data File : VY018775.D
 Acq On : 11 Jul 2024 13:22
 Operator : SY/MD
 Sample : VY0711SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0711SBS01

Quant Time: Jul 12 01:36:31 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 :Mahesh Dadoda 07/12/2024
 Supervised By :Semsettin Yesilyurt 07/12/2024

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	114451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	180561	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	157295	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	58317	51.781	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.560%			
35) Dibromofluoromethane	7.710	113	58886	52.070	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.140%			
50) Toluene-d8	10.173	98	219027	51.121	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 102.240%			
62) 4-Bromofluorobenzene	12.477	95	73924	50.523	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 101.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	17108	17.839	ug/l	96
3) Chloromethane	2.107	50	27765	19.052	ug/l	97
4) Vinyl Chloride	2.241	62	33044	19.383	ug/l	92
5) Bromomethane	2.631	94	23474	20.018	ug/l	90
6) Chloroethane	2.778	64	22107	19.960	ug/l	100
7) Trichlorofluoromethane	3.101	101	42286	18.982	ug/l	98
8) Diethyl Ether	3.509	74	10340	19.043	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.875	101	23090	20.201	ug/l	97
10) Methyl Iodide	4.070	142	21403	17.389	ug/l	93
11) Tert butyl alcohol	4.948	59	8778	76.941	ug/l #	82
12) 1,1-Dichloroethene	3.857	96	21869	19.778	ug/l	91
13) Acrolein	3.710	56	8693	95.104	ug/l	95
14) Allyl chloride	4.454	41	26134	19.078	ug/l	90
15) Acrylonitrile	5.143	53	22338	104.285	ug/l	96
16) Acetone	3.930	43	17716	85.324	ug/l	95
17) Carbon Disulfide	4.180	76	58904	19.025	ug/l #	95
18) Methyl Acetate	4.460	43	12219	20.254	ug/l	96
19) Methyl tert-butyl Ether	5.198	73	50127	19.542	ug/l	94
20) Methylene Chloride	4.698	84	39108	31.413	ug/l	92
21) trans-1,2-Dichloroethene	5.204	96	23161	19.846	ug/l	96
22) Diisopropyl ether	6.106	45	59262	19.888	ug/l #	90
23) Vinyl Acetate	6.039	43	224917	95.808	ug/l	96
24) 1,1-Dichloroethane	5.997	63	36435	19.151	ug/l	98
25) 2-Butanone	6.972	43	27005	92.787	ug/l	89
26) 2,2-Dichloropropane	6.966	77	32464	18.390	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	25990	19.128	ug/l	95
28) Bromochloromethane	7.326	49	16215	21.220	ug/l	100
29) Tetrahydrofuran	7.338	42	17406	97.552	ug/l	97
30) Chloroform	7.496	83	42986	20.273	ug/l	96
31) Cyclohexane	7.771	56	33327	19.261	ug/l	98
32) 1,1,1-Trichloroethane	7.691	97	38979	19.769	ug/l	97
36) 1,1-Dichloropropene	7.905	75	30589	19.600	ug/l	97
37) Ethyl Acetate	7.063	43	13320	20.533	ug/l #	97
38) Carbon Tetrachloride	7.893	117	35337	18.799	ug/l	96
39) Methylcyclohexane	9.179	83	38698	19.349	ug/l	96
40) Benzene	8.155	78	90520	19.994	ug/l	94

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41) Methacrylonitrile	7.301	41	6871m	18.578	ug/l	
42) 1,2-Dichloroethane	8.228	62	25002	19.724	ug/l	98
43) Isopropyl Acetate	8.264	43	24218	18.762	ug/l #	83
44) Trichloroethene	8.929	130	25827	19.957	ug/l	96
45) 1,2-Dichloropropane	9.209	63	19931	20.217	ug/l	95
46) Dibromomethane	9.295	93	12907	20.198	ug/l	98
47) Bromodichloromethane	9.490	83	30934	19.377	ug/l	99
48) Methyl methacrylate	9.289	41	11008	18.762	ug/l #	87
49) 1,4-Dioxane	9.289	88	2825	377.123	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	65165	98.879	ug/l	91
52) Toluene	10.240	92	57557	19.128	ug/l	97
53) t-1,3-Dichloropropene	10.459	75	26584	19.287	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	31605	19.545	ug/l #	89
55) 1,1,2-Trichloroethane	10.636	97	16293	20.134	ug/l	96
56) Ethyl methacrylate	10.508	69	20178	18.940	ug/l #	86
57) 1,3-Dichloropropane	10.782	76	27467	20.476	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	49512	97.275	ug/l	94
59) 2-Hexanone	10.831	43	41358	89.702	ug/l	95
60) Dibromochloromethane	10.983	129	20811	18.717	ug/l	96
61) 1,2-Dibromoethane	11.081	107	15407	19.584	ug/l	98
64) Tetrachloroethene	10.715	164	25206	19.798	ug/l	97
65) Chlorobenzene	11.514	112	64346	19.392	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	22669	19.829	ug/l	93
67) Ethyl Benzene	11.587	91	112912	19.425	ug/l	97
68) m/p-Xylenes	11.697	106	86346	37.853	ug/l	94
69) o-Xylene	12.026	106	40444	18.859	ug/l	95
70) Styrene	12.044	104	68507	19.145	ug/l	95
71) Bromoform	12.203	173	11910	19.112	ug/l #	97
73) Isopropylbenzene	12.325	105	108108	19.451	ug/l	99
74) N-amyl acetate	12.142	43	19849	17.463	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	17050	19.459	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	12113m	20.365	ug/l	
77) Bromobenzene	12.605	156	25971	19.573	ug/l	94
78) n-propylbenzene	12.666	91	128896	19.529	ug/l	97
79) 2-Chlorotoluene	12.751	91	72973	19.663	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	87867	19.322	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	4811	18.103	ug/l #	80
82) 4-Chlorotoluene	12.849	91	73578	19.254	ug/l	96
83) tert-Butylbenzene	13.075	119	81870	19.500	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	85278	18.871	ug/l	99
85) sec-Butylbenzene	13.251	105	118179	19.831	ug/l	97
86) p-Isopropyltoluene	13.367	119	98438	19.134	ug/l	95
87) 1,3-Dichlorobenzene	13.367	146	50078	19.217	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	50330	19.486	ug/l	97
89) n-Butylbenzene	13.696	91	87465	18.753	ug/l	98
90) Hexachloroethane	13.959	117	17988	18.800	ug/l	100
91) 1,2-Dichlorobenzene	13.733	146	43211	19.196	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2704	19.046	ug/l	87
93) 1,2,4-Trichlorobenzene	15.001	180	25697	18.700	ug/l	98
94) Hexachlorobutadiene	15.111	225	15692	19.812	ug/l	95
95) Naphthalene	15.233	128	42409	17.990	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	21116	17.959	ug/l	99

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

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