

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY070924\
 Data File : VY018750.D
 Acq On : 09 Jul 2024 10:35
 Operator : SY/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 07/10/2024
 Supervised By :Semsettin Yesilyurt 07/10/2024

Quant Time: Jul 09 14:18:50 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:18:17 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	120138	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	190036	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	164829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	78388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	11695	9.893	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	19.780%#		
35) Dibromofluoromethane	7.703	113	11470	9.637	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	19.280%#		
50) Toluene-d8	10.173	98	43506	9.648	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	19.300%#		
62) 4-Bromofluorobenzene	12.477	95	14726	9.563	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	19.120%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	9046	8.986	ug/l	95
3) Chloromethane	2.107	50	14946	9.770	ug/l	96
4) Vinyl Chloride	2.241	62	17240	9.634	ug/l	96
5) Bromomethane	2.637	94	12849	10.438	ug/l	98
6) Chloroethane	2.778	64	11272	9.695	ug/l	99
7) Trichlorofluoromethane	3.107	101	21440	9.169	ug/l	98
8) Diethyl Ether	3.515	74	5374	9.429	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.881	101	11085	9.239	ug/l	93
10) Methyl Iodide	4.076	142	10645	8.239	ug/l	93
11) Tert butyl alcohol	4.936	59	7846	65.517	ug/l	99
12) 1,1-Dichloroethene	3.857	96	10873	9.368	ug/l	94
13) Acrolein	3.716	56	4920	51.278	ug/l	100
14) Allyl chloride	4.460	41	12488	8.685	ug/l #	89
15) Acrylonitrile	5.143	53	11199	49.808	ug/l	97
16) Acetone	3.924	43	10172	46.671	ug/l #	84
17) Carbon Disulfide	4.174	76	30083	9.256	ug/l	96
18) Methyl Acetate	4.460	43	7105	11.219	ug/l	97
19) Methyl tert-butyl Ether	5.204	73	26441	9.820	ug/l	100
20) Methylene Chloride	4.698	84	16097	8.968	ug/l	96
21) trans-1,2-Dichloroethene	5.198	96	11456	9.352	ug/l	96
22) Diisopropyl ether	6.100	45	29925	9.567	ug/l #	87
23) Vinyl Acetate	6.045	43	113937	46.236	ug/l	96
24) 1,1-Dichloroethane	5.996	63	18957	9.492	ug/l	94
25) 2-Butanone	6.978	43	14427	47.224	ug/l	97
26) 2,2-Dichloropropane	6.960	77	16885	9.112	ug/l	98
27) cis-1,2-Dichloroethene	6.966	96	13603	9.538	ug/l	98
28) Bromochloromethane	7.319	49	8583	10.701	ug/l	92
29) Tetrahydrofuran	7.338	42	9500	50.723	ug/l	93
30) Chloroform	7.490	83	20710	9.305	ug/l	100
31) Cyclohexane	7.777	56	18319	10.086	ug/l #	79
32) 1,1,1-Trichloroethane	7.691	97	19067	9.213	ug/l	96
36) 1,1-Dichloropropene	7.905	75	15414	9.384	ug/l	99
37) Ethyl Acetate	7.057	43	6904	10.112	ug/l	97
38) Carbon Tetrachloride	7.886	117	18210	9.205	ug/l	98
39) Methylcyclohexane	9.179	83	20463	9.721	ug/l	92
40) Benzene	8.149	78	44649	9.370	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	3451m	9.285	ug/l	
42) 1,2-Dichloroethane	8.228	62	12966	9.719	ug/l	96
43) Isopropyl Acetate	8.258	43	13306	9.794	ug/l #	78
44) Trichloroethene	8.929	130	12585	9.240	ug/l	97
45) 1,2-Dichloropropane	9.209	63	9506	9.161	ug/l	99
46) Dibromomethane	9.301	93	6307	9.377	ug/l	99
47) Bromodichloromethane	9.490	83	15402	9.167	ug/l	95
48) Methyl methacrylate	9.282	41	5990	9.700	ug/l #	82
49) 1,4-Dioxane	9.289	88	1413	179.223	ug/l #	80
51) 4-Methyl-2-Pentanone	10.063	43	33424	48.188	ug/l	94
52) Toluene	10.240	92	29646	9.361	ug/l	92
53) t-1,3-Dichloropropene	10.459	75	12886	8.883	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	15480	9.096	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	8338	9.790	ug/l	95
56) Ethyl methacrylate	10.508	69	10206	9.102	ug/l #	83
57) 1,3-Dichloropropane	10.782	76	13512	9.570	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	24461	45.662	ug/l	92
59) 2-Hexanone	10.825	43	23102	47.608	ug/l	92
60) Dibromochloromethane	10.983	129	10997	9.397	ug/l	94
61) 1,2-Dibromoethane	11.081	107	7927	9.574	ug/l	96
64) Tetrachloroethene	10.715	164	12507	9.374	ug/l	96
65) Chlorobenzene	11.508	112	31185	8.969	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	11263	9.402	ug/l	94
67) Ethyl Benzene	11.587	91	54665	8.974	ug/l	97
68) m/p-Xylenes	11.697	106	42553	17.802	ug/l	95
69) o-Xylene	12.026	106	20634	9.182	ug/l	97
70) Styrene	12.038	104	32979	8.795	ug/l	94
71) Bromoform	12.209	173	5925	9.073	ug/l #	98
73) Isopropylbenzene	12.325	105	54868	9.564	ug/l	100
74) N-amyl acetate	12.142	43	10729	9.145	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.575	83	8957	9.904	ug/l	96
76) 1,2,3-Trichloropropane	12.629	75	5835m	8.850	ug/l	
77) Bromobenzene	12.599	156	13089	9.557	ug/l	92
78) n-propylbenzene	12.666	91	62357	9.153	ug/l	96
79) 2-Chlorotoluene	12.751	91	37374	9.756	ug/l	100
80) 1,3,5-Trimethylbenzene	12.806	105	43955	9.364	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	2495	9.095	ug/l #	77
82) 4-Chlorotoluene	12.849	91	36478	9.248	ug/l	98
83) tert-Butylbenzene	13.068	119	40652	9.380	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	43413	9.307	ug/l	98
85) sec-Butylbenzene	13.251	105	58995	9.591	ug/l	99
86) p-Isopropyltoluene	13.367	119	48817	9.193	ug/l	95
87) 1,3-Dichlorobenzene	13.361	146	24973	9.284	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	25865	9.702	ug/l	96
89) n-Butylbenzene	13.690	91	44860	9.318	ug/l	98
90) Hexachloroethane	13.958	117	8869	8.980	ug/l	100
91) 1,2-Dichlorobenzene	13.733	146	22551	9.705	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	1384	9.444	ug/l	94
93) 1,2,4-Trichlorobenzene	15.001	180	13637	9.614	ug/l	94
94) Hexachlorobutadiene	15.105	225	7615	9.314	ug/l	98
95) Naphthalene	15.233	128	22123	9.092	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	11048	9.103	ug/l	96

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

