

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062824\
 Data File : VY018735.D
 Acq On : 28 Jun 2024 17:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 07/01/2024
 Supervised By :Mahesh Dadoda 07/01/2024

Quant Time: Jul 01 01:49:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061324S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 14 07:08:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	149564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	219471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	192743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	96743	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	55870	37.103	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	74.200%		
35) Dibromofluoromethane	7.703	113	67137	50.147	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.300%		
50) Toluene-d8	10.173	98	237404	46.110	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.220%		
62) 4-Bromofluorobenzene	12.477	95	76225	46.885	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.780%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	47824	48.549	ug/l	97
3) Chloromethane	2.101	50	64669	31.875	ug/l	98
4) Vinyl Chloride	2.241	62	87925	34.995	ug/l	98
5) Bromomethane	2.637	94	63172	33.827	ug/l	99
6) Chloroethane	2.778	64	58509	35.549	ug/l	99
7) Trichlorofluoromethane	3.107	101	125578	46.414	ug/l	97
8) Diethyl Ether	3.515	74	30337	39.325	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.881	101	69460	49.135	ug/l	91
10) Methyl Iodide	4.070	142	82909	48.527	ug/l	96
11) Tert butyl alcohol	4.942	59	24316	89.775	ug/l #	83
12) 1,1-Dichloroethene	3.857	96	63219	44.500	ug/l	91
13) Acrolein	3.710	56	13165	151.186	ug/l	96
14) Allyl chloride	4.460	41	63351	33.078	ug/l	91
15) Acrylonitrile	5.143	53	56643	165.051	ug/l	99
16) Acetone	3.936	43	43664	142.526	ug/l	92
17) Carbon Disulfide	4.174	76	144176	34.197	ug/l	100
18) Methyl Acetate	4.460	43	28936	37.237	ug/l	92
19) Methyl tert-butyl Ether	5.204	73	147827	39.009	ug/l	94
20) Methylene Chloride	4.692	84	82291	42.185	ug/l	93
21) trans-1,2-Dichloroethene	5.204	96	68650	42.450	ug/l	91
22) Diisopropyl ether	6.106	45	147911	34.210	ug/l #	90
23) Vinyl Acetate	6.045	43	559031	143.306	ug/l	95
24) 1,1-Dichloroethane	6.003	63	105083	37.725	ug/l	96
25) 2-Butanone	6.972	43	68820	149.864	ug/l	98
26) 2,2-Dichloropropane	6.966	77	86021	36.654	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	83851	42.926	ug/l	90
28) Bromochloromethane	7.319	49	37089	32.486	ug/l #	67
29) Tetrahydrofuran	7.338	42	43601	154.717	ug/l	90
30) Chloroform	7.496	83	125294	41.274	ug/l	97
31) Cyclohexane	7.771	56	79732	34.567	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	119657	46.397	ug/l	97
36) 1,1-Dichloropropene	7.905	75	84245	45.715	ug/l	96
37) Ethyl Acetate	7.063	43	29996	34.529	ug/l #	93
38) Carbon Tetrachloride	7.892	117	111738	57.795	ug/l	95
39) Methylcyclohexane	9.173	83	111647	49.445	ug/l	96
40) Benzene	8.149	78	259529	45.537	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	18208m	41.674	ug/l	
42) 1,2-Dichloroethane	8.228	62	66353	44.626	ug/l	100
43) Isopropyl Acetate	8.264	43	64115	39.543	ug/l #	84
44) Trichloroethene	8.935	130	83332	55.848	ug/l	89
45) 1,2-Dichloropropane	9.209	63	53944	41.394	ug/l	98
46) Dibromomethane	9.295	93	38417	47.510	ug/l	90
47) Bromodichloromethane	9.490	83	94060	48.737	ug/l	99
48) Methyl methacrylate	9.289	41	28408	38.918	ug/l #	86
49) 1,4-Dioxane	9.289	88	8648	813.191	ug/l #	98
51) 4-Methyl-2-Pentanone	10.063	43	166152	194.542	ug/l	99
52) Toluene	10.240	92	173720	47.476	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	75823	44.957	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	93658	46.017	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	52646	48.950	ug/l	94
56) Ethyl methacrylate	10.502	69	62623	44.496	ug/l	96
57) 1,3-Dichloropropane	10.782	76	78081	43.704	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	138674	204.106	ug/l #	84
59) 2-Hexanone	10.825	43	110713	185.063	ug/l	100
60) Dibromochloromethane	10.977	129	72488	54.256	ug/l	100
61) 1,2-Dibromoethane	11.081	107	50603	50.910	ug/l	99
64) Tetrachloroethene	10.715	164	89949	65.431	ug/l	97
65) Chlorobenzene	11.514	112	209393	52.589	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	75656	56.701	ug/l	98
67) Ethyl Benzene	11.587	91	341348	49.408	ug/l	93
68) m/p-Xylenes	11.697	106	275944	102.646	ug/l	96
69) o-Xylene	12.026	106	133714	51.724	ug/l	94
70) Styrene	12.038	104	217043	50.821	ug/l	99
71) Bromoform	12.203	173	43908	59.971	ug/l #	100
73) Isopropylbenzene	12.325	105	350093	49.557	ug/l	96
74) N-amyl acetate	12.142	43	54518	37.687	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.575	83	51441	41.010	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	39591m	43.627	ug/l	
77) Bromobenzene	12.605	156	88929	54.432	ug/l	82
78) n-propylbenzene	12.666	91	384121	46.461	ug/l	93
79) 2-Chlorotoluene	12.751	91	214176	45.892	ug/l	93
80) 1,3,5-Trimethylbenzene	12.806	105	275669	49.236	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	14396	41.552	ug/l	96
82) 4-Chlorotoluene	12.849	91	215602	45.877	ug/l	92
83) tert-Butylbenzene	13.074	119	274793	53.029	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	272932	48.772	ug/l	98
85) sec-Butylbenzene	13.251	105	371610	50.281	ug/l	95
86) p-Isopropyltoluene	13.367	119	321367	51.290	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	168028	50.991	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	165890	51.301	ug/l	98
89) n-Butylbenzene	13.690	91	263889	46.727	ug/l	96
90) Hexachloroethane	13.958	117	59634	52.392	ug/l	82
91) 1,2-Dichlorobenzene	13.733	146	146698	52.113	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8074	44.452	ug/l	81
93) 1,2,4-Trichlorobenzene	15.001	180	90185	57.505	ug/l	98
94) Hexachlorobutadiene	15.111	225	54071	67.102	ug/l	98
95) Naphthalene	15.233	128	157280	53.666	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	76087	57.420	ug/l	98

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

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