

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061024\
 Data File : VY018551.D
 Acq On : 10 Jun 2024 15:39
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh
 Dadoda

06/11/2024
 Supervised By :Semsettin
 Yesilyurt

Quant Time: Jun 11 01:58:11 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 04 07:11:56 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	39613	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	64391	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	62284	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	47276	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	42310	54.387	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.780%	
35) Dibromofluoromethane	7.710	113	39428	48.288	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.580%	
50) Toluene-d8	10.173	98	158974	48.940	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.880%	
62) 4-Bromofluorobenzene	12.477	95	51713	51.131	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.260%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	18880	30.010	ug/l	96
3) Chloromethane	2.107	50	64277	54.785	ug/l	96
4) Vinyl Chloride	2.241	62	79806	56.868	ug/l	100
5) Bromomethane	2.644	94	47113	50.320	ug/l	93
6) Chloroethane	2.784	64	50075	56.515	ug/l	99
7) Trichlorofluoromethane	3.107	101	67429	46.439	ug/l	100
8) Diethyl Ether	3.515	74	20314	46.497	ug/l	74
9) 1,1,2-Trichlorotrifluo...	3.887	101	34223	40.477	ug/l	88
10) Methyl Iodide	4.082	142	36201	43.591	ug/l	93
11) Tert butyl alcohol	4.942	59	18650	201.643	ug/l #	88
12) 1,1-Dichloroethene	3.857	96	34040	40.961	ug/l #	74
13) Acrolein	3.717	56	17959	225.535	ug/l	97
14) Allyl chloride	4.467	41	62509	51.360	ug/l #	91
15) Acrylonitrile	5.143	53	54706	273.809	ug/l	99
16) Acetone	3.930	43	41218	238.719	ug/l #	82
17) Carbon Disulfide	4.180	76	98960	40.594	ug/l	99
18) Methyl Acetate	4.467	43	23636	54.742	ug/l #	88
19) Methyl tert-butyl Ether	5.210	73	100073	49.966	ug/l	99
20) Methylene Chloride	4.698	84	43977	45.734	ug/l #	76
21) trans-1,2-Dichloroethene	5.204	96	40375	45.527	ug/l	90
22) Diisopropyl ether	6.106	45	147360	59.453	ug/l #	92
23) Vinyl Acetate	6.045	43	480829	298.082	ug/l #	91
24) 1,1-Dichloroethane	6.003	63	79691	51.547	ug/l	98
25) 2-Butanone	6.972	43	74275	280.800	ug/l #	84
26) 2,2-Dichloropropane	6.972	77	59378	43.700	ug/l	97
27) cis-1,2-Dichloroethene	6.966	96	50575	49.026	ug/l	88
28) Bromochloromethane	7.326	49	43424	61.038	ug/l #	73
29) Tetrahydrofuran	7.338	42	49563	288.520	ug/l #	83
30) Chloroform	7.496	83	81422	52.512	ug/l	98
31) Cyclohexane	7.777	56	68964	47.546	ug/l	90
32) 1,1,1-Trichloroethane	7.692	97	65905	48.529	ug/l	93
36) 1,1-Dichloropropene	7.911	75	59653	47.914	ug/l	94
37) Ethyl Acetate	7.064	43	33278	53.505	ug/l	95
38) Carbon Tetrachloride	7.893	117	55286	44.314	ug/l	95
39) Methylcyclohexane	9.179	83	75001	44.563	ug/l #	88
40) Benzene	8.155	78	184717	49.517	ug/l	99

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41) Methacrylonitrile	7.301	41	16448	54.368	ug/l	92
42) 1,2-Dichloroethane	8.228	62	48870	53.886	ug/l	94
43) Isopropyl Acetate	8.265	43	65295	56.145	ug/l #	79
44) Trichloroethene	8.935	130	41222	44.592	ug/l	88
45) 1,2-Dichloropropane	9.210	63	46050	53.979	ug/l	100
46) Dibromomethane	9.301	93	24247	49.572	ug/l	92
47) Bromodichloromethane	9.490	83	60916	51.883	ug/l #	98
48) Methyl methacrylate	9.283	41	29414	54.973	ug/l	84
49) 1,4-Dioxane	9.289	88	6559	1021.150	ug/l #	88
51) 4-Methyl-2-Pentanone	10.063	43	177823	294.468	ug/l	89
52) Toluene	10.240	92	114952	50.102	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	56023	51.959	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	66160	49.835	ug/l #	86
55) 1,1,2-Trichloroethane	10.642	97	32986	51.836	ug/l	97
56) Ethyl methacrylate	10.508	69	48155	53.775	ug/l #	78
57) 1,3-Dichloropropane	10.782	76	58835	54.462	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.777	63	125784	261.573	ug/l	93
59) 2-Hexanone	10.825	43	119609	286.623	ug/l	88
60) Dibromochloromethane	10.978	129	38372	49.357	ug/l	100
61) 1,2-Dibromoethane	11.087	107	30322	50.601	ug/l	99
64) Tetrachloroethene	10.715	164	37874	41.282	ug/l	93
65) Chlorobenzene	11.514	112	120991	45.298	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	39699	45.966	ug/l	98
67) Ethyl Benzene	11.587	91	223865	46.047	ug/l	100
68) m/p-Xylenes	11.697	106	165078	90.175	ug/l	94
69) o-Xylene	12.026	106	79000	44.830	ug/l	94
70) Styrene	12.044	104	138432	48.079	ug/l	98
71) Bromoform	12.203	173	20011	43.981	ug/l #	97
73) Isopropylbenzene	12.325	105	212288	43.514	ug/l	98
74) N-amyl acetate	12.142	43	58144	48.964	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.575	83	40345	46.979	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	27077m	46.189	ug/l	
77) Bromobenzene	12.605	156	43427	41.925	ug/l	87
78) n-propylbenzene	12.666	91	262300	44.797	ug/l	98
79) 2-Chlorotoluene	12.752	91	143689	45.140	ug/l	95
80) 1,3,5-Trimethylbenzene	12.813	105	169374	44.576	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	12738	45.651	ug/l	87
82) 4-Chlorotoluene	12.849	91	150099	46.859	ug/l	97
83) tert-Butylbenzene	13.075	119	155019	44.120	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	169150	45.471	ug/l	97
85) sec-Butylbenzene	13.252	105	235757	45.562	ug/l	98
86) p-Isopropyltoluene	13.367	119	187146	44.812	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	90782	44.430	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	88740	44.208	ug/l	97
89) n-Butylbenzene	13.697	91	185122	46.648	ug/l	98
90) Hexachloroethane	13.959	117	34188	43.676	ug/l	82
91) 1,2-Dichlorobenzene	13.739	146	81113	45.620	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	5719	43.762	ug/l	82
93) 1,2,4-Trichlorobenzene	15.007	180	38007	39.525	ug/l	97
94) Hexachlorobutadiene	15.111	225	19847	38.862	ug/l	97
95) Naphthalene	15.239	128	82016	42.468	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	32169	39.539	ug/l	99

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

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