

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
 Data File : VY018783.D
 Acq On : 11 Jul 2024 17:13
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 12 01:41:33 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	105139	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	167716	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	147815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	73107	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	54889	53.054	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.100%
35) Dibromofluoromethane	7.704	113	54900	52.264	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.520%
50) Toluene-d8	10.173	98	198495	49.877	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.760%
62) 4-Bromofluorobenzene	12.477	95	69827	51.378	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.760%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.894	85	41975	47.645	ug/l	94
3) Chloromethane	2.101	50	65666	49.049	ug/l	99
4) Vinyl Chloride	2.241	62	79419	50.711	ug/l	96
5) Bromomethane	2.637	94	53278	49.457	ug/l	97
6) Chloroethane	2.778	64	53037	52.127	ug/l	97
7) Trichlorofluoromethane	3.107	101	101136	49.419	ug/l	97
8) Diethyl Ether	3.515	74	27132	54.395	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.875	101	53285	50.748	ug/l	95
10) Methyl Iodide	4.070	142	61593	54.474	ug/l	92
11) Tert butyl alcohol	4.942	59	17959	171.357	ug/l #	95
12) 1,1-Dichloroethene	3.851	96	50674	49.887	ug/l	95
13) Acrolein	3.710	56	19068	227.086	ug/l	100
14) Allyl chloride	4.460	41	65016	51.665	ug/l	91
15) Acrylonitrile	5.143	53	53314	270.942	ug/l	98
16) Acetone	3.930	43	45175	236.842	ug/l	91
17) Carbon Disulfide	4.174	76	140220	49.299	ug/l	98
18) Methyl Acetate	4.466	43	30285	54.645	ug/l	98
19) Methyl tert-butyl Ether	5.204	73	126922	53.863	ug/l	99
20) Methylene Chloride	4.698	84	66179	62.507	ug/l	93
21) trans-1,2-Dichloroethene	5.198	96	54781	51.098	ug/l	99
22) Diisopropyl ether	6.106	45	142236	51.961	ug/l	92
23) Vinyl Acetate	6.045	43	579660	268.788	ug/l	99
24) 1,1-Dichloroethane	5.997	63	88569	50.676	ug/l	99
25) 2-Butanone	6.972	43	69399	259.568	ug/l	91
26) 2,2-Dichloropropane	6.966	77	76236	47.012	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	65437	52.426	ug/l	99
28) Bromochloromethane	7.320	49	36860	52.510	ug/l	95
29) Tetrahydrofuran	7.338	42	43955	268.166	ug/l	97
30) Chloroform	7.496	83	102926	52.841	ug/l	99
31) Cyclohexane	7.777	56	73118	46.002	ug/l	97
32) 1,1,1-Trichloroethane	7.691	97	94857	52.370	ug/l	98
36) 1,1-Dichloropropene	7.905	75	70726	48.789	ug/l	98
37) Ethyl Acetate	7.063	43	31383	52.083	ug/l	97
38) Carbon Tetrachloride	7.893	117	87126	49.901	ug/l	99
39) Methylcyclohexane	9.173	83	90481	48.705	ug/l	97
40) Benzene	8.149	78	210931	50.159	ug/l	100

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41) Methacrylonitrile	7.313	41	21112m	61.455	ug/l	
42) 1,2-Dichloroethane	8.228	62	60426	51.322	ug/l	96
43) Isopropyl Acetate	8.264	43	62825	52.399	ug/l	93
44) Trichloroethene	8.935	130	60697	50.494	ug/l	97
45) 1,2-Dichloropropane	9.209	63	47586	51.964	ug/l	96
46) Dibromomethane	9.301	93	31821	53.609	ug/l	98
47) Bromodichloromethane	9.490	83	76712	51.733	ug/l	96
48) Methyl methacrylate	9.283	41	28426	52.160	ug/l #	87
49) 1,4-Dioxane	9.295	88	7322	1052.310	ug/l #	97
51) 4-Methyl-2-Pentanone	10.063	43	165331	270.082	ug/l	94
52) Toluene	10.240	92	140714	50.344	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	66599	52.018	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	78949	52.563	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	38892	51.742	ug/l	97
56) Ethyl methacrylate	10.502	69	53129	53.688	ug/l #	83
57) 1,3-Dichloropropane	10.788	76	65606	52.652	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	133828	283.065	ug/l	92
59) 2-Hexanone	10.825	43	114788	268.034	ug/l	89
60) Dibromochloromethane	10.977	129	53725	52.021	ug/l	99
61) 1,2-Dibromoethane	11.087	107	39360	53.863	ug/l	98
64) Tetrachloroethene	10.715	164	61444	51.355	ug/l	99
65) Chlorobenzene	11.514	112	158346	50.782	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	54739	50.951	ug/l	97
67) Ethyl Benzene	11.587	91	271444	49.692	ug/l	98
68) m/p-Xylenes	11.697	106	210743	98.313	ug/l	96
69) o-Xylene	12.026	106	101795	50.511	ug/l	98
70) Styrene	12.038	104	171081	50.878	ug/l	97
71) Bromoform	12.203	173	31264	53.388	ug/l #	97
73) Isopropylbenzene	12.325	105	264301	49.398	ug/l	99
74) N-amyl acetate	12.142	43	56562	51.692	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	43595	51.685	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	29155m	50.918	ug/l	
77) Bromobenzene	12.605	156	64335	50.367	ug/l	94
78) n-propylbenzene	12.666	91	309230	48.669	ug/l	98
79) 2-Chlorotoluene	12.751	91	172697	48.338	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	214249	48.939	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	12834	50.164	ug/l #	81
82) 4-Chlorotoluene	12.849	91	179168	48.702	ug/l	98
83) tert-Butylbenzene	13.068	119	200763	49.672	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	213821	49.151	ug/l	100
85) sec-Butylbenzene	13.251	105	280543	48.901	ug/l	97
86) p-Isopropyltoluene	13.367	119	240661	48.592	ug/l	95
87) 1,3-Dichlorobenzene	13.361	146	123860	49.372	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	122821	49.397	ug/l	98
89) n-Butylbenzene	13.690	91	217682	48.481	ug/l	98
90) Hexachloroethane	13.959	117	44083	47.861	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	108301	49.976	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6792	49.695	ug/l	97
93) 1,2,4-Trichlorobenzene	15.001	180	66548	50.306	ug/l	98
94) Hexachlorobutadiene	15.111	225	37156	48.730	ug/l	98
95) Naphthalene	15.233	128	124970	55.068	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	57346	50.665	ug/l	99

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

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