

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018199.D
 Acq On : 08 May 2024 19:36
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/09/2024
 Supervised By :Semsettin Yesilyurt 05/09/2024

Quant Time: May 09 02:31:28 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	187005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	313546	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	263998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	116428	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	70168	51.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.000%
35) Dibromofluoromethane	7.709	113	86209	52.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.640%
50) Toluene-d8	10.178	98	332125	51.147	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.300%
62) 4-Bromofluorobenzene	12.477	95	101811	48.551	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.899	85	80986	54.608	ug/l	97
3) Chloromethane	2.107	50	117339	59.106	ug/l	98
4) Vinyl Chloride	2.241	62	145786	60.579	ug/l	95
5) Bromomethane	2.637	94	96833	57.939	ug/l	99
6) Chloroethane	2.783	64	92236	60.392	ug/l	100
7) Trichlorofluoromethane	3.113	101	160282	56.861	ug/l	95
8) Diethyl Ether	3.515	74	51249	55.228	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.887	101	101497	56.498	ug/l	100
10) Methyl Iodide	4.076	142	118435	56.456	ug/l	98
11) Tert butyl alcohol	4.942	59	34609	288.024	ug/l #	78
12) 1,1-Dichloroethene	3.856	96	102037	56.421	ug/l	97
13) Acrolein	3.716	56	27632	204.714	ug/l	99
14) Allyl chloride	4.466	41	128657	55.921	ug/l	98
15) Acrylonitrile	5.143	53	96346	269.987	ug/l	99
16) Acetone	3.936	43	64793	236.004	ug/l	98
17) Carbon Disulfide	4.180	76	292799	59.470	ug/l	97
18) Methyl Acetate	4.466	43	41224	52.712	ug/l	99
19) Methyl tert-butyl Ether	5.204	73	222968	55.347	ug/l	99
20) Methylene Chloride	4.704	84	122615	63.187	ug/l	97
21) trans-1,2-Dichloroethene	5.204	96	109169	56.946	ug/l	97
22) Diisopropyl ether	6.106	45	268301	54.974	ug/l	96
23) Vinyl Acetate	6.045	43	804980	271.369	ug/l	99
24) 1,1-Dichloroethane	6.002	63	173073	57.576	ug/l	99
25) 2-Butanone	6.972	43	113023	257.541	ug/l	94
26) 2,2-Dichloropropane	6.972	77	139592	51.308	ug/l	96
27) cis-1,2-Dichloroethene	6.978	96	126122	55.670	ug/l	96
28) Bromochloromethane	7.325	49	76584	63.742	ug/l	98
29) Tetrahydrofuran	7.338	42	78510	271.020	ug/l	95
30) Chloroform	7.502	83	174683	55.665	ug/l	98
31) Cyclohexane	7.776	56	154545	58.095	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	156810	55.750	ug/l	98
36) 1,1-Dichloropropene	7.911	75	130786	55.364	ug/l	97
37) Ethyl Acetate	7.063	43	53242	53.550	ug/l #	96
38) Carbon Tetrachloride	7.892	117	140354	54.376	ug/l	97
39) Methylcyclohexane	9.179	83	188532	55.321	ug/l	97
40) Benzene	8.154	78	423889	55.786	ug/l	95

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41) Methacrylonitrile	7.301	41	30624	53.339	ug/l	92
42) 1,2-Dichloroethane	8.228	62	87895	53.164	ug/l	97
43) Isopropyl Acetate	8.264	43	109752	53.854	ug/l	96
44) Trichloroethene	8.935	130	112497	54.385	ug/l	96
45) 1,2-Dichloropropane	9.209	63	89195	53.692	ug/l	97
46) Dibromomethane	9.301	93	50859	53.255	ug/l	99
47) Bromodichloromethane	9.490	83	128102	54.259	ug/l	99
48) Methyl methacrylate	9.288	41	49736	53.249	ug/l	93
49) 1,4-Dioxane	9.294	88	13568	1070.317	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	276852	270.284	ug/l	96
52) Toluene	10.239	92	264300	54.029	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	115266	52.268	ug/l	99
54) cis-1,3-Dichloropropene	9.922	75	142977	53.039	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	68942	52.550	ug/l	96
56) Ethyl methacrylate	10.508	69	97282	54.599	ug/l #	92
57) 1,3-Dichloropropane	10.788	76	112331	52.610	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	264706	311.125	ug/l	96
59) 2-Hexanone	10.831	43	188449	263.125	ug/l	94
60) Dibromochloromethane	10.983	129	88235	51.838	ug/l	98
61) 1,2-Dibromoethane	11.087	107	64235	51.983	ug/l	100
64) Tetrachloroethene	10.715	164	97172	55.283	ug/l	97
65) Chlorobenzene	11.514	112	289995	53.934	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	91181	52.427	ug/l	98
67) Ethyl Benzene	11.593	91	495906	54.625	ug/l	97
68) m/p-Xylenes	11.696	106	387772	108.013	ug/l	98
69) o-Xylene	12.026	106	183705	53.321	ug/l	97
70) Styrene	12.044	104	309745	53.835	ug/l	98
71) Bromoform	12.202	173	50135	52.099	ug/l #	97
73) Isopropylbenzene	12.324	105	476055	54.535	ug/l	99
74) N-amyl acetate	12.142	43	100734	55.590	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.580	83	74665	53.619	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	48431m	51.968	ug/l	
77) Bromobenzene	12.605	156	108873	54.290	ug/l	94
78) n-propylbenzene	12.666	91	550437	54.212	ug/l	97
79) 2-Chlorotoluene	12.751	91	299615	53.102	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	369397	53.666	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	25392	52.495	ug/l	97
82) 4-Chlorotoluene	12.855	91	304722	53.767	ug/l	97
83) tert-Butylbenzene	13.074	119	350975	55.280	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	359370	53.298	ug/l	98
85) sec-Butylbenzene	13.251	105	501278	53.826	ug/l	97
86) p-Isopropyltoluene	13.367	119	405667	52.950	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	202493	52.285	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	200459	53.095	ug/l	99
89) n-Butylbenzene	13.696	91	362424	52.270	ug/l	97
90) Hexachloroethane	13.958	117	78809	52.433	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	177555	53.340	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10350	54.586	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	97294	51.991	ug/l	99
94) Hexachlorobutadiene	15.110	225	52774	51.112	ug/l	98
95) Naphthalene	15.232	128	186380	54.352	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	84187	54.818	ug/l	97

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

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