

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091124\
 Data File : VY019499.D
 Acq On : 11 Sep 2024 09:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/12/2024
 Supervised By :Semsettin Yesilyurt 09/12/2024

Quant Time: Sep 12 01:30:18 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	488747	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	865858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	746254	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	354967	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	265584	58.684	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 117.360%			
35) Dibromofluoromethane	7.634	113	267481	54.485	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.980%			
50) Toluene-d8	10.109	98	979828	53.961	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.920%			
62) 4-Bromofluorobenzene	12.408	95	362070	51.858	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 103.720%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	116386	42.995	ug/l	99
3) Chloromethane	2.068	50	198857	49.177	ug/l	99
4) Vinyl Chloride	2.208	62	223618	51.142	ug/l	97
5) Bromomethane	2.598	94	164005	61.063	ug/l	94
6) Chloroethane	2.739	64	159205	55.697	ug/l	98
7) Trichlorofluoromethane	3.062	101	358521	49.188	ug/l	96
8) Diethyl Ether	3.458	74	128536	52.536	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.818	101	208061	46.144	ug/l	98
10) Methyl Iodide	4.007	142	287274	49.694	ug/l	93
11) Tert butyl alcohol	4.885	59	93075	254.661	ug/l	# 81
12) 1,1-Dichloroethene	3.793	96	213872	49.322	ug/l	85
13) Acrolein	3.659	56	38900	219.327	ug/l	94
14) Allyl chloride	4.385	41	390960	50.276	ug/l	# 93
15) Acrylonitrile	5.055	53	274285	259.998	ug/l	99
16) Acetone	3.873	43	321968	298.622	ug/l	89
17) Carbon Disulfide	4.110	76	595779	50.852	ug/l	98
18) Methyl Acetate	4.385	43	137146	46.872	ug/l	92
19) Methyl tert-butyl Ether	5.110	73	649484	52.884	ug/l	99
20) Methylene Chloride	4.616	84	262851	53.457	ug/l	89
21) trans-1,2-Dichloroethene	5.110	96	246364	51.834	ug/l	91
22) Diisopropyl ether	6.018	45	836771	52.401	ug/l	95
23) Vinyl Acetate	5.958	43	2446053	268.176	ug/l	94
24) 1,1-Dichloroethane	5.915	63	466430	52.053	ug/l	97
25) 2-Butanone	6.890	43	430717	280.882	ug/l	89
26) 2,2-Dichloropropane	6.884	77	418841	51.819	ug/l	97
27) cis-1,2-Dichloroethene	6.890	96	308927	53.508	ug/l	90
28) Bromochloromethane	7.244	49	213579	56.649	ug/l	85
29) Tetrahydrofuran	7.262	42	236719	253.893	ug/l	87
30) Chloroform	7.421	83	491636	53.746	ug/l	99
31) Cyclohexane	7.701	56	362313	44.733	ug/l	95
32) 1,1,1-Trichloroethane	7.616	97	424947	51.829	ug/l	98
36) 1,1-Dichloropropene	7.835	75	325775	48.768	ug/l	97
37) Ethyl Acetate	6.982	43	168304	49.173	ug/l	96
38) Carbon Tetrachloride	7.817	117	363842	48.300	ug/l	100
39) Methylcyclohexane	9.109	83	399299	44.917	ug/l	91
40) Benzene	8.079	78	1033680	50.240	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	103116	51.683	ug/l #	82
42) 1,2-Dichloroethane	8.158	62	289103	52.218	ug/l	96
43) Isopropyl Acetate	8.195	43	360405	50.120	ug/l	91
44) Trichloroethene	8.866	130	258591	48.869	ug/l	95
45) 1,2-Dichloropropane	9.140	63	253118	50.321	ug/l	98
46) Dibromomethane	9.231	93	144010	52.354	ug/l	95
47) Bromodichloromethane	9.426	83	384996	52.068	ug/l	99
48) Methyl methacrylate	9.219	41	163915	48.271	ug/l	84
49) 1,4-Dioxane	9.231	88	31458	971.472	ug/l #	86
51) 4-Methyl-2-Pentanone	9.999	43	893049	246.859	ug/l	92
52) Toluene	10.176	92	662865	50.093	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	360735	51.179	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	416361	50.730	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	192351	50.637	ug/l	97
56) Ethyl methacrylate	10.438	69	294199	50.985	ug/l #	83
57) 1,3-Dichloropropane	10.719	76	330490	50.615	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	731622	273.179	ug/l	98
59) 2-Hexanone	10.762	43	687577	259.246	ug/l	90
60) Dibromochloromethane	10.914	129	259389	51.621	ug/l	98
61) 1,2-Dibromoethane	11.018	107	176565	49.887	ug/l	99
64) Tetrachloroethene	10.652	164	216950	46.947	ug/l	96
65) Chlorobenzene	11.444	112	739338	50.366	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.518	131	255334	50.238	ug/l	99
67) Ethyl Benzene	11.524	91	1302452	49.936	ug/l	98
68) m/p-Xylenes	11.633	106	978407	99.205	ug/l	94
69) o-Xylene	11.956	106	482304	50.005	ug/l	96
70) Styrene	11.975	104	820356	50.376	ug/l	96
71) Bromoform	12.133	173	145934	50.271	ug/l #	99
73) Isopropylbenzene	12.255	105	1243655	48.294	ug/l	99
74) N-amyl acetate	12.072	43	341561	48.769	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.511	83	224294	49.071	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	180086m	54.127	ug/l	
77) Bromobenzene	12.536	156	280858	49.175	ug/l	91
78) n-propylbenzene	12.597	91	1478203	48.429	ug/l	100
79) 2-Chlorotoluene	12.682	91	872765	49.065	ug/l	95
80) 1,3,5-Trimethylbenzene	12.743	105	1016665	48.563	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.310	75	83598	48.236	ug/l	95
82) 4-Chlorotoluene	12.779	91	892283	48.793	ug/l	96
83) tert-Butylbenzene	12.999	119	908994	47.962	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	1014469	48.954	ug/l	99
85) sec-Butylbenzene	13.176	105	1322824	48.046	ug/l	100
86) p-Isopropyltoluene	13.292	119	1097391	48.716	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	548944	49.464	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	540635	49.087	ug/l	97
89) n-Butylbenzene	13.621	91	1035086	48.066	ug/l	99
90) Hexachloroethane	13.883	117	226771	48.382	ug/l	94
91) 1,2-Dichlorobenzene	13.663	146	488779	49.355	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	36144	47.447	ug/l	83
93) 1,2,4-Trichlorobenzene	14.919	180	279692	46.435	ug/l	98
94) Hexachlorobutadiene	15.023	225	146111	45.408	ug/l	99
95) Naphthalene	15.145	128	557371	46.208	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	238111	46.216	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

