

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091624\
 Data File : VY019573.D
 Acq On : 16 Sep 2024 17:49
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 09/17/2024
 Supervised By :Semsettin Yesilyurt 09/17/2024

Quant Time: Sep 17 02:16:19 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	380603	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.610	114	678889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	579310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	272751	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	193565	54.923	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.840%			
35) Dibromofluoromethane	7.628	113	194680	50.577	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.160%			
50) Toluene-d8	10.103	98	725348	50.947	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.900%			
62) 4-Bromofluorobenzene	12.402	95	262692	47.986	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 95.980%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	96014	45.812	ug/l	99
3) Chloromethane	2.068	50	159538	50.664	ug/l	100
4) Vinyl Chloride	2.202	62	191133	56.132	ug/l	99
5) Bromomethane	2.598	94	138759	66.343	ug/l	95
6) Chloroethane	2.733	64	137699	61.861	ug/l	96
7) Trichlorofluoromethane	3.056	101	310606	54.723	ug/l	97
8) Diethyl Ether	3.452	74	100067	52.521	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.812	101	183308	52.206	ug/l	96
10) Methyl Iodide	4.001	142	222382	49.399	ug/l	92
11) Tert butyl alcohol	4.860	59	77725	273.088	ug/l	# 80
12) 1,1-Dichloroethene	3.787	96	176891	52.384	ug/l	89
13) Acrolein	3.647	56	28589	206.137	ug/l	99
14) Allyl chloride	4.379	41	313040	51.694	ug/l	# 93
15) Acrylonitrile	5.049	53	220125	267.947	ug/l	99
16) Acetone	3.866	43	201010	239.408	ug/l	# 84
17) Carbon Disulfide	4.104	76	475980	52.171	ug/l	99
18) Methyl Acetate	4.379	43	110213	48.370	ug/l	91
19) Methyl tert-butyl Ether	5.110	73	511189	53.450	ug/l	100
20) Methylene Chloride	4.610	84	211179	55.152	ug/l	87
21) trans-1,2-Dichloroethene	5.104	96	203169	54.892	ug/l	92
22) Diisopropyl ether	6.012	45	678825	54.589	ug/l	94
23) Vinyl Acetate	5.951	43	1892290	266.412	ug/l	94
24) 1,1-Dichloroethane	5.909	63	393541	56.398	ug/l	97
25) 2-Butanone	6.890	43	294853	246.916	ug/l	# 87
26) 2,2-Dichloropropane	6.878	77	338012	53.701	ug/l	95
27) cis-1,2-Dichloroethene	6.884	96	255580	56.846	ug/l	90
28) Bromochloromethane	7.238	49	165765	56.460	ug/l	86
29) Tetrahydrofuran	7.256	42	186511	256.882	ug/l	87
30) Chloroform	7.415	83	413930	58.109	ug/l	99
31) Cyclohexane	7.701	56	303927	48.186	ug/l	95
32) 1,1,1-Trichloroethane	7.610	97	359840	56.358	ug/l	97
36) 1,1-Dichloropropene	7.835	75	276179	52.730	ug/l	97
37) Ethyl Acetate	6.976	43	131738	49.090	ug/l	97
38) Carbon Tetrachloride	7.811	117	309274	52.363	ug/l	99
39) Methylcyclohexane	9.109	83	343222	49.242	ug/l	92
40) Benzene	8.079	78	866048	53.685	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	68732	43.937	ug/l	93
42) 1,2-Dichloroethane	8.152	62	236612	54.507	ug/l	96
43) Isopropyl Acetate	8.195	43	279714	49.612	ug/l	90
44) Trichloroethene	8.860	130	214123	51.610	ug/l	90
45) 1,2-Dichloropropane	9.140	63	208010	52.742	ug/l	100
46) Dibromomethane	9.231	93	116353	53.949	ug/l	94
47) Bromodichloromethane	9.420	83	315649	54.446	ug/l	97
48) Methyl methacrylate	9.219	41	126142	47.378	ug/l	85
49) 1,4-Dioxane	9.225	88	26160	1030.350	ug/l #	95
51) 4-Methyl-2-Pentanone	10.000	43	693542	244.508	ug/l	92
52) Toluene	10.170	92	558579	53.838	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	280479	50.752	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	332485	51.667	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	154898	52.008	ug/l	98
56) Ethyl methacrylate	10.438	69	228220	50.443	ug/l #	81
57) 1,3-Dichloropropane	10.719	76	268990	52.541	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	574915	273.786	ug/l	98
59) 2-Hexanone	10.762	43	479683	230.671	ug/l	91
60) Dibromochloromethane	10.908	129	211166	53.597	ug/l	99
61) 1,2-Dibromoethane	11.012	107	141423	50.962	ug/l	100
64) Tetrachloroethene	10.646	164	192521	53.666	ug/l	92
65) Chlorobenzene	11.438	112	613948	53.877	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	210055	53.240	ug/l	98
67) Ethyl Benzene	11.518	91	1092365	53.950	ug/l	98
68) m/p-Xylenes	11.627	106	819110	106.988	ug/l	94
69) o-Xylene	11.950	106	399138	53.308	ug/l	96
70) Styrene	11.969	104	671900	53.150	ug/l	97
71) Bromoform	12.133	173	116457	51.678	ug/l #	95
73) Isopropylbenzene	12.255	105	1056235	53.380	ug/l	99
74) N-amyl acetate	12.066	43	263295	48.926	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	181381	51.644	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	124672m	48.767	ug/l	
77) Bromobenzene	12.530	156	227391	51.815	ug/l	92
78) n-propylbenzene	12.597	91	1240167	52.878	ug/l	99
79) 2-Chlorotoluene	12.676	91	722190	52.838	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	852215	52.978	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	58865	44.203	ug/l	89
82) 4-Chlorotoluene	12.773	91	734468	52.269	ug/l	96
83) tert-Butylbenzene	12.993	119	788426	54.140	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	838165	52.638	ug/l	96
85) sec-Butylbenzene	13.176	105	1127284	53.285	ug/l	99
86) p-Isopropyltoluene	13.292	119	912321	52.709	ug/l	97
87) 1,3-Dichlorobenzene	13.286	146	446498	52.360	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	437517	51.698	ug/l	97
89) n-Butylbenzene	13.615	91	857589	51.827	ug/l	99
90) Hexachloroethane	13.877	117	188406	52.314	ug/l	91
91) 1,2-Dichlorobenzene	13.657	146	395251	51.941	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	26724	45.655	ug/l	88
93) 1,2,4-Trichlorobenzene	14.919	180	210999	45.590	ug/l	97
94) Hexachlorobutadiene	15.017	225	117914	47.691	ug/l	98
95) Naphthalene	15.139	128	418188	45.120	ug/l	98
96) 1,2,3-Trichlorobenzene	15.322	180	178090	44.986	ug/l	98

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

