

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060624\
 Data File : VY018517.D
 Acq On : 06 Jun 2024 20:07
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 07 02:32:33 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/07/2024
 Supervised By :Semsettin Yesilyurt 06/07/2024

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	37247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	59989	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	58158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	40789	55.763	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.520%			
35) Dibromofluoromethane	7.703	113	38892	51.127	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.260%			
50) Toluene-d8	10.172	98	153462	50.710	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 101.420%			
62) 4-Bromofluorobenzene	12.477	95	49512	52.547	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.100%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.900	85	23948	40.484	ug/l	97
3) Chloromethane	2.101	50	73385	66.521	ug/l	98
4) Vinyl Chloride	2.241	62	85153	64.532	ug/l	98
5) Bromomethane	2.637	94	53406	60.664	ug/l	96
6) Chloroethane	2.777	64	56853	68.240	ug/l	94
7) Trichlorofluoromethane	3.107	101	79002	57.865	ug/l	94
8) Diethyl Ether	3.515	74	23187	56.444	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.887	101	40224	50.597	ug/l	90
10) Methyl Iodide	4.070	142	42656	54.626	ug/l	92
11) Tert butyl alcohol	4.936	59	18670	221.511	ug/l #	74
12) 1,1-Dichloroethene	3.856	96	38724	49.558	ug/l	91
13) Acrolein	3.710	56	19972	266.747	ug/l	98
14) Allyl chloride	4.460	41	68674	60.009	ug/l #	92
15) Acrylonitrile	5.149	53	62026	330.166	ug/l	99
16) Acetone	3.930	43	44646	274.997	ug/l #	83
17) Carbon Disulfide	4.173	76	113080	49.332	ug/l	99
18) Methyl Acetate	4.466	43	27011	66.533	ug/l	90
19) Methyl tert-butyl Ether	5.204	73	116463	61.843	ug/l	96
20) Methylene Chloride	4.692	84	58734	69.091	ug/l #	87
21) trans-1,2-Dichloroethene	5.204	96	45382	54.424	ug/l	94
22) Diisopropyl ether	6.100	45	159334	68.368	ug/l #	89
23) Vinyl Acetate	6.039	43	521071	343.549	ug/l #	92
24) 1,1-Dichloroethane	5.996	63	90479	62.243	ug/l	94
25) 2-Butanone	6.972	43	79349	319.038	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	62715	49.088	ug/l	99
27) cis-1,2-Dichloroethene	6.966	96	57540	59.321	ug/l	92
28) Bromochloromethane	7.325	49	38266	57.204	ug/l #	74
29) Tetrahydrofuran	7.338	42	56356	348.904	ug/l #	84
30) Chloroform	7.496	83	90802	62.281	ug/l	97
31) Cyclohexane	7.777	56	75340	55.241	ug/l	91
32) 1,1,1-Trichloroethane	7.691	97	74210	58.115	ug/l	95
36) 1,1-Dichloropropene	7.905	75	65119	56.142	ug/l	95
37) Ethyl Acetate	7.063	43	38088	65.732	ug/l	96
38) Carbon Tetrachloride	7.892	117	61596	52.994	ug/l	96
39) Methylcyclohexane	9.173	83	81742	52.132	ug/l	93
40) Benzene	8.148	78	202742	58.337	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.289	41	21878	77.624	ug/l #	82
42) 1,2-Dichloroethane	8.228	62	54135	64.071	ug/l	96
43) Isopropyl Acetate	8.264	43	72536	66.949	ug/l #	87
44) Trichloroethene	8.935	130	46637	54.152	ug/l	85
45) 1,2-Dichloropropane	9.209	63	48851	61.464	ug/l	97
46) Dibromomethane	9.301	93	27431	60.197	ug/l #	88
47) Bromodichloromethane	9.490	83	65637	60.006	ug/l	94
48) Methyl methacrylate	9.288	41	32629	65.456	ug/l #	83
49) 1,4-Dioxane	9.288	88	7624	1274.055	ug/l #	86
51) 4-Methyl-2-Pentanone	10.063	43	197794	351.574	ug/l	89
52) Toluene	10.239	92	127013	59.421	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	62297	62.017	ug/l	98
54) cis-1,3-Dichloropropene	9.922	75	72704	58.783	ug/l #	89
55) 1,1,2-Trichloroethane	10.642	97	37390	63.068	ug/l	97
56) Ethyl methacrylate	10.508	69	55003	65.930	ug/l #	77
57) 1,3-Dichloropropane	10.782	76	66199	65.775	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	140921	314.555	ug/l	93
59) 2-Hexanone	10.825	43	134416	345.741	ug/l	89
60) Dibromochloromethane	10.977	129	44033	60.795	ug/l	97
61) 1,2-Dibromoethane	11.087	107	33113	59.313	ug/l	97
64) Tetrachloroethene	10.715	164	43514	50.795	ug/l	96
65) Chlorobenzene	11.514	112	132170	52.994	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	43778	54.285	ug/l	97
67) Ethyl Benzene	11.587	91	248827	54.813	ug/l	97
68) m/p-Xylenes	11.697	106	186639	109.186	ug/l	95
69) o-Xylene	12.026	106	88605	53.847	ug/l	95
70) Styrene	12.038	104	154615	57.509	ug/l	98
71) Bromoform	12.203	173	22520	53.007	ug/l #	97
73) Isopropylbenzene	12.324	105	236503	49.862	ug/l	98
74) N-amyl acetate	12.142	43	68402	59.246	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	46149	55.271	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	30736m	53.927	ug/l	
77) Bromobenzene	12.605	156	48840	48.496	ug/l	86
78) n-propylbenzene	12.666	91	290725	51.069	ug/l	97
79) 2-Chlorotoluene	12.751	91	159698	51.601	ug/l	97
80) 1,3,5-Trimethylbenzene	12.806	105	188771	51.099	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	13325	49.117	ug/l	87
82) 4-Chlorotoluene	12.849	91	163805	52.598	ug/l	98
83) tert-Butylbenzene	13.068	119	170536	49.922	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	191471	52.941	ug/l	97
85) sec-Butylbenzene	13.251	105	258004	51.284	ug/l	97
86) p-Isopropyltoluene	13.367	119	210184	51.766	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	102048	51.370	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	99835	51.155	ug/l	96
89) n-Butylbenzene	13.690	91	204582	53.023	ug/l	98
90) Hexachloroethane	13.958	117	38408	50.467	ug/l	81
91) 1,2-Dichlorobenzene	13.733	146	92635	53.587	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6459	50.835	ug/l	85
93) 1,2,4-Trichlorobenzene	15.007	180	44408	47.500	ug/l	98
94) Hexachlorobutadiene	15.111	225	21976	44.259	ug/l	96
95) Naphthalene	15.233	128	103280	55.005	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	40745	51.510	ug/l	96

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

