

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092424\
 Data File : VY019672.D
 Acq On : 24 Sep 2024 10:41
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 25 01:41:16 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

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/25/2024
 Supervised By :Semsettin Yesilyurt 09/25/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	421444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	710128	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	606124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	294796	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	189615	48.588	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.180%		
35) Dibromofluoromethane	7.634	113	195682	48.601	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.200%		
50) Toluene-d8	10.109	98	707567	47.512	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.020%		
62) 4-Bromofluorobenzene	12.408	95	257330	44.939	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	89.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.867	85	99622	42.646	ug/l	96
3) Chloromethane	2.074	50	153391	43.991	ug/l	96
4) Vinyl Chloride	2.208	62	192274	50.995	ug/l	98
5) Bromomethane	2.598	94	140982	60.874	ug/l	100
6) Chloroethane	2.739	64	138242	56.086	ug/l	100
7) Trichlorofluoromethane	3.062	101	335196	53.332	ug/l	94
8) Diethyl Ether	3.452	74	108451	51.405	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.818	101	203483	52.336	ug/l	96
10) Methyl Iodide	4.007	142	230010	46.142	ug/l	93
11) Tert butyl alcohol	4.860	59	85349	270.815	ug/l #	82
12) 1,1-Dichloroethene	3.793	96	189328	50.634	ug/l	92
13) Acrolein	3.659	56	19667	122.307	ug/l	97
14) Allyl chloride	4.385	41	324458	48.388	ug/l #	94
15) Acrylonitrile	5.055	53	237110	260.653	ug/l	98
16) Acetone	3.866	43	269331	289.694	ug/l #	87
17) Carbon Disulfide	4.104	76	475163	47.034	ug/l	99
18) Methyl Acetate	4.385	43	118927	47.137	ug/l	91
19) Methyl tert-butyl Ether	5.116	73	556565	52.555	ug/l	97
20) Methylene Chloride	4.610	84	218015	51.420	ug/l	90
21) trans-1,2-Dichloroethene	5.110	96	209637	51.151	ug/l	90
22) Diisopropyl ether	6.012	45	700554	50.877	ug/l	94
23) Vinyl Acetate	5.958	43	2043042	259.762	ug/l	95
24) 1,1-Dichloroethane	5.909	63	403096	52.169	ug/l	98
25) 2-Butanone	6.890	43	350931	265.398	ug/l #	88
26) 2,2-Dichloropropane	6.878	77	381930	54.798	ug/l	96
27) cis-1,2-Dichloroethene	6.884	96	263921	53.013	ug/l	90
28) Bromochloromethane	7.244	49	156054	48.001	ug/l	90
29) Tetrahydrofuran	7.256	42	200772	249.727	ug/l	88
30) Chloroform	7.415	83	425881	53.993	ug/l	99
31) Cyclohexane	7.701	56	328011	46.965	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	383064	54.182	ug/l	97
36) 1,1-Dichloropropene	7.835	75	292709	53.427	ug/l	98
37) Ethyl Acetate	6.976	43	146966	52.355	ug/l	97
38) Carbon Tetrachloride	7.817	117	336869	54.526	ug/l	99
39) Methylcyclohexane	9.109	83	379229	52.014	ug/l	92
40) Benzene	8.079	78	888952	52.680	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	81564	49.846	ug/l	87
42) 1,2-Dichloroethane	8.158	62	252080	55.516	ug/l	96
43) Isopropyl Acetate	8.195	43	302656	51.319	ug/l	91
44) Trichloroethene	8.866	130	231055	53.241	ug/l	95
45) 1,2-Dichloropropane	9.140	63	213796	51.825	ug/l	99
46) Dibromomethane	9.231	93	123472	54.731	ug/l	97
47) Bromodichloromethane	9.426	83	333856	55.053	ug/l	98
48) Methyl methacrylate	9.219	41	138796	49.837	ug/l	86
49) 1,4-Dioxane	9.231	88	27921	1051.333	ug/l #	87
51) 4-Methyl-2-Pentanone	10.000	43	763565	257.353	ug/l	93
52) Toluene	10.170	92	584651	53.872	ug/l	98
53) t-1,3-Dichloropropene	10.396	75	303926	52.575	ug/l	98
54) cis-1,3-Dichloropropene	9.859	75	351189	52.173	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	166184	53.343	ug/l	97
56) Ethyl methacrylate	10.438	69	246884	52.168	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	284768	53.176	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	576079	262.272	ug/l	99
59) 2-Hexanone	10.762	43	559426	257.184	ug/l	91
60) Dibromochloromethane	10.914	129	226498	54.960	ug/l	99
61) 1,2-Dibromoethane	11.018	107	152441	52.516	ug/l	99
64) Tetrachloroethene	10.646	164	195669	52.131	ug/l	94
65) Chlorobenzene	11.444	112	645908	54.174	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	225184	54.549	ug/l	99
67) Ethyl Benzene	11.518	91	1142692	53.939	ug/l	99
68) m/p-Xylenes	11.627	106	861722	107.574	ug/l	94
69) o-Xylene	11.957	106	417466	53.289	ug/l	95
70) Styrene	11.969	104	711412	53.786	ug/l	97
71) Bromoform	12.133	173	128518	54.507	ug/l #	97
73) Isopropylbenzene	12.255	105	1131847	52.923	ug/l	100
74) N-amyl acetate	12.072	43	289580	49.787	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.505	83	199538	52.565	ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	150850m	54.595	ug/l	
77) Bromobenzene	12.536	156	247885	52.261	ug/l	92
78) n-propylbenzene	12.597	91	1350678	53.284	ug/l	100
79) 2-Chlorotoluene	12.682	91	768420	52.016	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	914724	52.612	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	68612	47.669	ug/l	92
82) 4-Chlorotoluene	12.780	91	793503	52.248	ug/l	96
83) tert-Butylbenzene	12.999	119	850135	54.012	ug/l	97
84) 1,2,4-Trimethylbenzene	13.042	105	903559	52.501	ug/l	97
85) sec-Butylbenzene	13.176	105	1238674	54.172	ug/l	100
86) p-Isopropyltoluene	13.292	119	1022791	54.672	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	490912	53.263	ug/l	98
88) 1,4-Dichlorobenzene	13.371	146	483863	52.899	ug/l	97
89) n-Butylbenzene	13.621	91	988463	55.269	ug/l	99
90) Hexachloroethane	13.883	117	208129	53.469	ug/l	93
91) 1,2-Dichlorobenzene	13.657	146	439247	53.406	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	31734	50.160	ug/l	85
93) 1,2,4-Trichlorobenzene	14.919	180	271745	54.324	ug/l	98
94) Hexachlorobutadiene	15.023	225	153946	57.608	ug/l	97
95) Naphthalene	15.145	128	528395	52.747	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	232103	54.245	ug/l	98

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

