

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082024\
 Data File : VY019140.D
 Acq On : 20 Aug 2024 10:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Aug 21 06:45:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 08/21/2024
 Supervised By :Mahesh Dadoda 08/21/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	125434	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	200265	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	175823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	90057	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	60652	48.237	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.480%		
35) Dibromofluoromethane	7.622	113	65430	49.967	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	99.940%		
50) Toluene-d8	10.103	98	242844	51.534	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.060%		
62) 4-Bromofluorobenzene	12.408	95	84011	52.298	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	104.600%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	41150	44.714	ug/l	99
3) Chloromethane	2.068	50	72716	43.837	ug/l	98
4) Vinyl Chloride	2.202	62	93932	45.844	ug/l	100
5) Bromomethane	2.592	94	71877	58.452	ug/l	97
6) Chloroethane	2.733	64	64390	49.370	ug/l	99
7) Trichlorofluoromethane	3.050	101	130802	42.224	ug/l	98
8) Diethyl Ether	3.452	74	31011	46.378	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.812	101	61681	44.788	ug/l	97
10) Methyl Iodide	3.994	142	73275	54.283	ug/l	94
11) Tert butyl alcohol	4.836	59	21186	187.350	ug/l #	83
12) 1,1-Dichloroethene	3.781	96	58741	46.948	ug/l	95
13) Acrolein	3.647	56	18209	187.930	ug/l	99
14) Allyl chloride	4.379	41	82146	49.381	ug/l	94
15) Acrylonitrile	5.043	53	63332	231.479	ug/l	99
16) Acetone	3.854	43	67213	288.240	ug/l	89
17) Carbon Disulfide	4.098	76	171969	48.729	ug/l	97
18) Methyl Acetate	4.372	43	30347	42.404	ug/l	99
19) Methyl tert-butyl Ether	5.104	73	146929	48.437	ug/l	97
20) Methylene Chloride	4.610	84	69954	47.869	ug/l	100
21) trans-1,2-Dichloroethene	5.104	96	67817	48.515	ug/l	95
22) Diisopropyl ether	6.006	45	184958	48.568	ug/l	92
23) Vinyl Acetate	5.945	43	729879	242.080	ug/l	99
24) 1,1-Dichloroethane	5.903	63	113201	48.607	ug/l	99
25) 2-Butanone	6.878	43	87076	231.871	ug/l	92
26) 2,2-Dichloropropane	6.878	77	98460	52.208	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	84414	51.314	ug/l	99
28) Bromochloromethane	7.232	49	42090	43.084	ug/l	96
29) Tetrahydrofuran	7.250	42	52113	215.874	ug/l	94
30) Chloroform	7.409	83	127996	49.322	ug/l	94
31) Cyclohexane	7.689	56	92424	51.517	ug/l	95
32) 1,1,1-Trichloroethane	7.610	97	113724	49.866	ug/l	98
36) 1,1-Dichloropropene	7.829	75	88300	49.107	ug/l	99
37) Ethyl Acetate	6.970	43	36611	45.956	ug/l	98
38) Carbon Tetrachloride	7.811	117	102583	49.228	ug/l	99
39) Methylcyclohexane	9.103	83	111384	48.271	ug/l	96
40) Benzene	8.073	78	278988	50.590	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.220	41	24035m	55.276	ug/l	
42) 1,2-Dichloroethane	8.146	62	71662	48.121	ug/l	98
43) Isopropyl Acetate	8.189	43	73632	45.702	ug/l	94
44) Trichloroethene	8.859	130	76147	49.486	ug/l	99
45) 1,2-Dichloropropane	9.134	63	60549	49.279	ug/l	98
46) Dibromomethane	9.225	93	38775	48.656	ug/l	98
47) Bromodichloromethane	9.420	83	98282	50.268	ug/l	99
48) Methyl methacrylate	9.213	41	34456	47.987	ug/l	90
49) 1,4-Dioxane	9.213	88	8021	830.877	ug/l #	95
51) 4-Methyl-2-Pentanone	9.993	43	193237	225.975	ug/l	95
52) Toluene	10.170	92	186947	51.643	ug/l	98
53) t-1,3-Dichloropropene	10.390	75	86718	53.468	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	100493	51.521	ug/l #	91
55) 1,1,2-Trichloroethane	10.573	97	50833	49.549	ug/l	96
56) Ethyl methacrylate	10.438	69	65609	48.859	ug/l #	85
57) 1,3-Dichloropropane	10.719	76	83894	50.164	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.707	63	145928	229.075	ug/l	96
59) 2-Hexanone	10.762	43	140531	239.206	ug/l	93
60) Dibromochloromethane	10.908	129	71030	50.834	ug/l	100
61) 1,2-Dibromoethane	11.012	107	49646	50.068	ug/l	98
64) Tetrachloroethene	10.646	164	74965	48.779	ug/l	98
65) Chlorobenzene	11.438	112	207034	51.138	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.518	131	71662	50.334	ug/l	98
67) Ethyl Benzene	11.518	91	367470	52.295	ug/l	97
68) m/p-Xylenes	11.627	106	290087	104.041	ug/l	99
69) o-Xylene	11.956	106	140404	54.378	ug/l	95
70) Styrene	11.969	104	232007	52.692	ug/l	98
71) Bromoform	12.133	173	40627	49.918	ug/l #	100
73) Isopropylbenzene	12.255	105	354835	51.407	ug/l	100
74) N-amyl acetate	12.072	43	68017	45.190	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.511	83	55884	45.477	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	41666m	46.915	ug/l	
77) Bromobenzene	12.536	156	83314	50.259	ug/l	95
78) n-propylbenzene	12.597	91	422374	51.188	ug/l	99
79) 2-Chlorotoluene	12.682	91	236213	51.061	ug/l	98
80) 1,3,5-Trimethylbenzene	12.737	105	297218	52.857	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	16942	47.112	ug/l	90
82) 4-Chlorotoluene	12.780	91	244203	50.739	ug/l	97
83) tert-Butylbenzene	12.999	119	266946	51.407	ug/l	97
84) 1,2,4-Trimethylbenzene	13.048	105	295528	52.733	ug/l	100
85) sec-Butylbenzene	13.176	105	390098	51.550	ug/l	99
86) p-Isopropyltoluene	13.292	119	325198	52.319	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	170368	52.114	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	162156	49.899	ug/l	99
89) n-Butylbenzene	13.621	91	299079	52.776	ug/l	99
90) Hexachloroethane	13.883	117	63450	51.790	ug/l	99
91) 1,2-Dichlorobenzene	13.663	146	146931	51.102	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.279	75	7866	43.513	ug/l	96
93) 1,2,4-Trichlorobenzene	14.925	180	82477	50.866	ug/l	98
94) Hexachlorobutadiene	15.029	225	46145	54.637	ug/l	98
95) Naphthalene	15.151	128	137860	47.639	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	68567	50.138	ug/l	99

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

