

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019236.D
 Acq On : 22 Aug 2024 21:33
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Aug 23 02:00:13 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 :Mahesh Dadoda 08/23/2024
 Supervised By :Semsettin Yesilyurt 08/23/2024

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	141210	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	233816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	204593	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	99747	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	70036	49.477	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.960%		
35) Dibromofluoromethane	7.622	113	71942	47.057	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.120%		
50) Toluene-d8	10.103	98	214367	38.964	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	77.920%		
62) 4-Bromofluorobenzene	12.408	95	89248	47.586	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery =	95.180%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.861	85	44178	42.641	ug/l	97
3) Chloromethane	2.068	50	71840	38.470	ug/l	96
4) Vinyl Chloride	2.202	62	82531	35.779	ug/l	98
5) Bromomethane	2.592	94	58466	40.374	ug/l	95
6) Chloroethane	2.733	64	52550	34.733	ug/l	98
7) Trichlorofluoromethane	3.050	101	117609	33.724	ug/l	95
8) Diethyl Ether	3.446	74	35821	47.587	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.806	101	71183	45.913	ug/l	99
10) Methyl Iodide	3.995	142	75708	49.819	ug/l	96
11) Tert butyl alcohol	4.830	59	31575	264.119	ug/l	99
12) 1,1-Dichloroethene	3.781	96	66984	47.555	ug/l	89
13) Acrolein	3.641	56	18546	167.985	ug/l	96
14) Allyl chloride	4.373	41	97571	52.100	ug/l	93
15) Acrylonitrile	5.043	53	78725	255.594	ug/l	97
16) Acetone	3.854	43	61141	232.907	ug/l #	84
17) Carbon Disulfide	4.098	76	187666	47.236	ug/l	99
18) Methyl Acetate	4.373	43	41315	51.280	ug/l	94
19) Methyl tert-butyl Ether	5.110	73	171459	50.208	ug/l	97
20) Methylene Chloride	4.604	84	82609	50.843	ug/l	89
21) trans-1,2-Dichloroethene	5.110	96	75960	48.269	ug/l	98
22) Diisopropyl ether	6.013	45	228878	53.386	ug/l	98
23) Vinyl Acetate	5.952	43	892993	263.091	ug/l	96
24) 1,1-Dichloroethane	5.903	63	129743	49.486	ug/l	97
25) 2-Butanone	6.884	43	104438	247.034	ug/l	92
26) 2,2-Dichloropropane	6.872	77	99931	47.068	ug/l	99
27) cis-1,2-Dichloroethene	6.878	96	92797	50.108	ug/l	98
28) Bromochloromethane	7.232	49	60308	54.835	ug/l	93
29) Tetrahydrofuran	7.250	42	70822	260.599	ug/l	89
30) Chloroform	7.409	83	146996	50.316	ug/l	99
31) Cyclohexane	7.689	56	106514	52.848	ug/l	94
32) 1,1,1-Trichloroethane	7.610	97	128805	50.168	ug/l	98
36) 1,1-Dichloropropene	7.829	75	100313	47.783	ug/l	97
37) Ethyl Acetate	6.976	43	49601	53.328	ug/l	97
38) Carbon Tetrachloride	7.811	117	115388	47.428	ug/l	99
39) Methylcyclohexane	9.103	83	115813	42.988	ug/l	96
40) Benzene	8.073	78	316398	49.141	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.214	41	28620m	56.376	ug/l	
42) 1,2-Dichloroethane	8.146	62	85159	48.979	ug/l	96
43) Isopropyl Acetate	8.189	43	92997	49.439	ug/l	93
44) Trichloroethene	8.860	130	84249	46.895	ug/l	96
45) 1,2-Dichloropropane	9.134	63	62742	43.737	ug/l	97
46) Dibromomethane	9.225	93	35483	38.136	ug/l	100
47) Bromodichloromethane	9.420	83	87910	38.511	ug/l	99
48) Methyl methacrylate	9.219	41	33752	40.261	ug/l	88
49) 1,4-Dioxane	9.219	88	7883	699.408	ug/l #	98
51) 4-Methyl-2-Pentanone	9.993	43	201967	202.293	ug/l	92
52) Toluene	10.170	92	175496	41.523	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	83486	44.089	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	86703	38.073	ug/l #	89
55) 1,1,2-Trichloroethane	10.573	97	56821	47.439	ug/l	98
56) Ethyl methacrylate	10.439	69	71656	45.705	ug/l #	86
57) 1,3-Dichloropropane	10.713	76	97241	49.801	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.707	63	157495	211.756	ug/l	95
59) 2-Hexanone	10.762	43	172581	251.608	ug/l	91
60) Dibromochloromethane	10.908	129	78637	48.202	ug/l	100
61) 1,2-Dibromoethane	11.012	107	55619	48.043	ug/l	98
64) Tetrachloroethene	10.646	164	84319	47.150	ug/l	99
65) Chlorobenzene	11.444	112	227134	48.213	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.518	131	78504	47.386	ug/l	98
67) Ethyl Benzene	11.518	91	398736	48.765	ug/l	99
68) m/p-Xylenes	11.627	106	313989	96.777	ug/l	99
69) o-Xylene	11.957	106	145268	48.350	ug/l	100
70) Styrene	11.969	104	252204	49.225	ug/l	98
71) Bromoform	12.133	173	44900	47.411	ug/l #	99
73) Isopropylbenzene	12.255	105	379690	49.664	ug/l	100
74) N-amyl acetate	12.072	43	85638	51.370	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.505	83	64890	47.676	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	49157m	49.972	ug/l	
77) Bromobenzene	12.536	156	88645	48.280	ug/l	99
78) n-propylbenzene	12.597	91	446996	48.909	ug/l	99
79) 2-Chlorotoluene	12.682	91	255199	49.806	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	306132	49.153	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.304	75	18938	47.546	ug/l #	84
82) 4-Chlorotoluene	12.780	91	264240	49.569	ug/l	99
83) tert-Butylbenzene	12.999	119	276912	48.146	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	304349	49.031	ug/l	99
85) sec-Butylbenzene	13.176	105	404367	48.245	ug/l	99
86) p-Isopropyltoluene	13.292	119	335206	48.690	ug/l	98
87) 1,3-Dichlorobenzene	13.292	146	173276	47.854	ug/l	100
88) 1,4-Dichlorobenzene	13.371	146	168476	46.808	ug/l	99
89) n-Butylbenzene	13.621	91	301626	48.055	ug/l	99
90) Hexachloroethane	13.883	117	65089	47.966	ug/l	99
91) 1,2-Dichlorobenzene	13.657	146	152134	47.772	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	9439	47.142	ug/l	95
93) 1,2,4-Trichlorobenzene	14.919	180	82449	45.909	ug/l	99
94) Hexachlorobutadiene	15.023	225	47503	50.781	ug/l	99
95) Naphthalene	15.145	128	153996	48.046	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	71927	47.486	ug/l	99

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

