

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101419\
 Data File : VY000309.D
 Acq On : 14 Oct 2019 19:03
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ML/MSVOA Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/16/2019 12:53:13 AM

Quant Time: Oct 15 02:21:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y101119S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 14 08:10:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	327334	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	558532	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	506845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	250962	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	177011	51.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.54%	
35) Dibromofluoromethane	7.73	113	161682	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	10.18	98	661433	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.48	95	244205	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	120367	46.226	ug/l	95
3) Chloromethane	2.12	50	161682	40.421	ug/l	98
4) Vinyl Chloride	2.25	62	171952	42.596	ug/l	100
5) Bromomethane	2.64	94	120554	40.296	ug/l	97
6) Chloroethane	2.79	64	114605	44.000	ug/l	97
7) Trichlorofluoromethane	3.13	101	258724	46.854	ug/l	100
8) Diethyl Ether	3.54	74	99597	51.056	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.90	101	161211	48.140	ug/l	95
10) Methyl Iodide	4.10	142	215218	45.236	ug/l	100
11) Tert butyl alcohol	4.96	59	87782	242.931	ug/l	100
12) 1,1-Dichloroethene	3.88	96	157171	47.541	ug/l	98
13) Acrolein	3.74	56	120090	283.472	ug/l	99
14) Allyl chloride	4.49	41	276761	50.517	ug/l	97
15) Acrylonitrile	5.18	53	273429	250.427	ug/l	98
16) Acetone	3.96	43	232780	208.177	ug/l	95
17) Carbon Disulfide	4.19	76	482035	46.309	ug/l	98
18) Methyl Acetate	4.49	43	137311	49.424	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	484163	52.608	ug/l	96
20) Methylene Chloride	4.72	84	186895	49.559	ug/l	97
21) trans-1,2-Dichloroethene	5.23	96	179788	47.400	ug/l	89
22) Diisopropyl ether	6.13	45	618324	53.362	ug/l	98
23) Vinyl Acetate	6.07	43	1952579	258.296	ug/l	99
24) 1,1-Dichloroethane	6.03	63	320404	50.658	ug/l	97
25) 2-Butanone	7.00	43	376268	238.875	ug/l	100
26) 2,2-Dichloropropane	6.99	77	271236	46.539	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	207647	50.593	ug/l	100
28) Bromochloromethane	7.35	49	145663	53.648	ug/l	99
29) Tetrahydrofuran	7.36	42	238958	250.320	ug/l	99
30) Chloroform	7.52	83	322799	50.678	ug/l	99
31) Cyclohexane	7.79	56	310555	47.011	ug/l	98
32) 1,1,1-Trichloroethane	7.71	97	278242	49.135	ug/l	100
36) 1,1-Dichloropropene	7.93	75	249234	45.577	ug/l	98
37) Ethyl Acetate	7.09	43	157255	48.566	ug/l	97
38) Carbon Tetrachloride	7.91	117	238822	45.106	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	328041	45.835	ug/l	96
40) Benzene	8.17	78	752337	47.607	ug/l	99
41) Methacrylonitrile	7.33	41	82463m	53.504	ug/l	
42) 1,2-Dichloroethane	8.25	62	213803	47.363	ug/l	100
43) Isopropyl Acetate	8.28	43	299941	48.718	ug/l	98
44) Trichloroethene	8.95	130	202274	45.618	ug/l	99
45) 1,2-Dichloropropane	9.22	63	192828	49.722	ug/l	96
46) Dibromomethane	9.32	93	104882	48.379	ug/l	97
47) Bromodichloromethane	9.50	83	252142	49.351	ug/l	99
48) Methyl methacrylate	9.30	41	133160	49.352	ug/l	96
49) 1,4-Dioxane	9.30	88	31594	971.958	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	788024	248.162	ug/l	97
52) Toluene	10.25	92	475449	47.387	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	274234	50.084	ug/l	99
54) cis-1,3-Dichloropropene	9.93	75	313616	50.435	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	157275	49.895	ug/l	98
56) Ethyl methacrylate	10.51	69	237961	52.964	ug/l	96
57) 1,3-Dichloropropane	10.79	76	272364	50.313	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	560411	312.717	ug/l	99
59) 2-Hexanone	10.83	43	568901	255.239	ug/l	98
60) Dibromochloromethane	10.99	129	177363	50.766	ug/l	98
61) 1,2-Dibromoethane	11.09	107	151982	50.216	ug/l	98
64) Tetrachloroethene	10.72	164	221153	45.833	ug/l	96
65) Chlorobenzene	11.52	112	507515	47.446	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	184440	49.086	ug/l	99
67) Ethyl Benzene	11.60	91	937472	47.277	ug/l	100
68) m/p-Xylenes	11.70	106	704725	92.967	ug/l	97
69) o-Xylene	12.03	106	339018	46.881	ug/l	97
70) Styrene	12.05	104	595419	48.822	ug/l	99
71) Bromoform	12.21	173	107980	49.989	ug/l #	98
73) Isopropylbenzene	12.33	105	917838	46.904	ug/l	100
74) N-amyl acetate	12.14	43	268941	55.983	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	175409	47.742	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	143737m	46.578	ug/l	
77) Bromobenzene	12.61	156	204323	46.923	ug/l	98
78) n-propylbenzene	12.67	91	1115015	47.458	ug/l	100
79) 2-Chlorotoluene	12.75	91	626436	48.279	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	780531	47.568	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	67491	47.851	ug/l	96
82) 4-Chlorotoluene	12.85	91	659791	48.105	ug/l	99
83) tert-Butylbenzene	13.07	119	657637	47.328	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	778243	48.056	ug/l	100
85) sec-Butylbenzene	13.25	105	964946	48.004	ug/l	99
86) p-Isopropyltoluene	13.37	119	841265	48.004	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	403862	47.074	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	403299	47.030	ug/l	99
89) n-Butylbenzene	13.69	91	836969	48.329	ug/l	99
90) Hexachloroethane	13.96	117	159523	49.158	ug/l	98
91) 1,2-Dichlorobenzene	13.74	146	377901	48.672	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	34136	48.988	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	250382	46.318	ug/l	99
94) Hexachlorobutadiene	15.11	225	129149	44.147	ug/l	99
95) Naphthalene	15.23	128	595639	49.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	229989	47.207	ug/l	100

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

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