

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY110819\
 Data File : VY000634.D
 Acq On : 08 Nov 2019 21:29
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/13/2019 11:06:00 AM

Quant Time: Nov 11 07:25:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:30:53 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	247387	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	436731	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	399711	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	195984	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	135859	53.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.14%	
35) Dibromofluoromethane	7.73	113	120796	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	10.18	98	489062	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.48	95	180874	48.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	120150	49.338	ug/l	97
3) Chloromethane	2.11	50	166463	49.621	ug/l	97
4) Vinyl Chloride	2.26	62	155801	50.012	ug/l	99
5) Bromomethane	2.65	94	99644	53.339	ug/l	98
6) Chloroethane	2.80	64	102068	52.350	ug/l	98
7) Trichlorofluoromethane	3.13	101	221940	52.753	ug/l	100
8) Diethyl Ether	3.54	74	83067	55.567	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	129122	50.766	ug/l	96
10) Methyl Iodide	4.10	142	172965	51.557	ug/l	100
11) Tert butyl alcohol	4.97	59	67598	271.246	ug/l	100
12) 1,1-Dichloroethene	3.88	96	128616	52.048	ug/l	94
13) Acrolein	3.74	56	53998	248.749	ug/l	96
14) Allyl chloride	4.49	41	227346	56.579	ug/l	99
15) Acrylonitrile	5.18	53	217020	283.396	ug/l	97
16) Acetone	3.96	43	160424	227.358	ug/l	98
17) Carbon Disulfide	4.21	76	396091	50.820	ug/l	98
18) Methyl Acetate	4.49	43	133175	60.701	ug/l	100
19) Methyl tert-butyl Ether	5.24	73	388833	56.593	ug/l	96
20) Methylene Chloride	4.73	84	161968	53.571	ug/l	93
21) trans-1,2-Dichloroethene	5.24	96	148912	53.303	ug/l	98
22) Diisopropyl ether	6.13	45	514106	58.865	ug/l	95
23) Vinyl Acetate	6.08	43	1565053	283.875	ug/l	99
24) 1,1-Dichloroethane	6.03	63	263695	55.733	ug/l	100
25) 2-Butanone	7.00	43	300389	266.753	ug/l	97
26) 2,2-Dichloropropane	7.00	77	219839	50.843	ug/l	97
27) cis-1,2-Dichloroethene	7.00	96	172587	56.497	ug/l	99
28) Bromochloromethane	7.35	49	121499	55.790	ug/l	93
29) Tetrahydrofuran	7.36	42	198744	288.493	ug/l	99
30) Chloroform	7.52	83	269426	56.290	ug/l	99
31) Cyclohexane	7.80	56	248502	50.146	ug/l	95
32) 1,1,1-Trichloroethane	7.72	97	230350	54.000	ug/l	99
36) 1,1-Dichloropropene	7.93	75	207417	50.239	ug/l	100
37) Ethyl Acetate	7.09	43	128913	52.592	ug/l	98
38) Carbon Tetrachloride	7.91	117	195226	49.142	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	258649	48.492	ug/l	98
40) Benzene	8.17	78	625550	51.680	ug/l	98
41) Methacrylonitrile	7.33	41	63808m	46.663	ug/l	
42) 1,2-Dichloroethane	8.25	62	183381	53.416	ug/l	99
43) Isopropyl Acetate	8.28	43	256692	55.747	ug/l	99
44) Trichloroethene	8.95	130	162270	50.846	ug/l	95
45) 1,2-Dichloropropane	9.22	63	159331	53.483	ug/l	92
46) Dibromomethane	9.31	93	87223	53.237	ug/l	98
47) Bromodichloromethane	9.50	83	215603	55.460	ug/l	99
48) Methyl methacrylate	9.30	41	114954	57.138	ug/l	95
49) 1,4-Dioxane	9.31	88	23731	1076.230	ug/l	91
51) 4-Methyl-2-Pentanone	10.08	43	689764	281.751	ug/l	99
52) Toluene	10.25	92	395497	51.681	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	226126	54.438	ug/l	96
54) cis-1,3-Dichloropropene	9.94	75	256314	53.863	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	126309	53.301	ug/l	97
56) Ethyl methacrylate	10.52	69	193131	57.502	ug/l	99
57) 1,3-Dichloropropane	10.80	76	224091	54.030	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.79	63	399291	262.964	ug/l	98
59) 2-Hexanone	10.83	43	486909	272.977	ug/l	99
60) Dibromochloromethane	10.99	129	144740	53.324	ug/l	100
61) 1,2-Dibromoethane	11.09	107	122978	53.974	ug/l	99
64) Tetrachloroethene	10.72	164	167032	50.537	ug/l	98
65) Chlorobenzene	11.52	112	422550	52.141	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	149750	53.280	ug/l	98
67) Ethyl Benzene	11.59	91	784487	52.597	ug/l	99
68) m/p-Xylenes	11.70	106	593729	102.851	ug/l	97
69) o-Xylene	12.03	106	280786	51.754	ug/l	99
70) Styrene	12.05	104	493910	53.165	ug/l	100
71) Bromoform	12.21	173	88091	54.492	ug/l #	99
73) Isopropylbenzene	12.33	105	749720	51.759	ug/l	100
74) N-amyl acetate	12.14	43	237719	57.304	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	156828	54.682	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	119696m	53.638	ug/l	
77) Bromobenzene	12.61	156	167215	50.907	ug/l	95
78) n-propylbenzene	12.67	91	914490	52.325	ug/l	99
79) 2-Chlorotoluene	12.75	91	513415	52.916	ug/l	96
80) 1,3,5-Trimethylbenzene	12.81	105	636999	52.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	54345	54.603	ug/l	96
82) 4-Chlorotoluene	12.85	91	547553	54.443	ug/l	97
83) tert-Butylbenzene	13.08	119	528274	51.287	ug/l	98
84) 1,2,4-Trimethylbenzene	13.12	105	641059	53.372	ug/l	97
85) sec-Butylbenzene	13.25	105	764942	52.125	ug/l	99
86) p-Isopropyltoluene	13.37	119	681154	52.079	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	328550	51.067	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	332106	51.657	ug/l	100
89) n-Butylbenzene	13.69	91	665700	51.605	ug/l	100
90) Hexachloroethane	13.96	117	127137	52.581	ug/l	97
91) 1,2-Dichlorobenzene	13.73	146	303283	51.955	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	26717	52.637	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	202998	51.073	ug/l	98
94) Hexachlorobutadiene	15.11	225	97278	47.479	ug/l	99
95) Naphthalene	15.23	128	469056	53.160	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	180666	50.665	ug/l	99

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

