

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY021320\
 Data File : VY001622.D
 Acq On : 13 Feb 2020 11:18
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/14/2020 5:06:01 PM

Quant Time: Feb 14 06:41:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y020420S.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 04 15:10:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.82	168	190647	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	333832	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	302736	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.43	152	144074	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.17	65	99394	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
35) Dibromofluoromethane	7.75	113	94060	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
50) Toluene-d8	10.19	98	387037	53.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.28%	
62) 4-Bromofluorobenzene	12.49	95	144473	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	80976	43.391	ug/l	99
3) Chloromethane	2.13	50	106742	54.726	ug/l	96
4) Vinyl Chloride	2.27	62	111694	55.150	ug/l	98
5) Bromomethane	2.67	94	72041	56.560	ug/l	98
6) Chloroethane	2.82	64	68774	56.336	ug/l	95
7) Trichlorofluoromethane	3.15	101	146592	43.728	ug/l	96
8) Diethyl Ether	3.55	74	55856	49.375	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	3.93	101	93409	46.309	ug/l	98
10) Methyl Iodide	4.12	142	116932	45.497	ug/l	98
11) Tert butyl alcohol	5.00	59	51921	239.054	ug/l	100
12) 1,1-Dichloroethene	3.90	96	94277	47.035	ug/l	95
13) Acrolein	3.76	56	51236	281.891	ug/l	99
14) Allyl chloride	4.52	41	168778	55.043	ug/l	95
15) Acrylonitrile	5.21	53	150237	289.690	ug/l	99
16) Acetone	3.98	43	165500	298.065	ug/l	99
17) Carbon Disulfide	4.22	76	292769	45.882	ug/l	100
18) Methyl Acetate	4.51	43	67412	56.893	ug/l	94
19) Methyl tert-butyl Ether	5.25	73	260208	48.815	ug/l	97
20) Methylene Chloride	4.76	84	107160	49.215	ug/l	86
21) trans-1,2-Dichloroethene	5.26	96	106073	47.604	ug/l	95
22) Diisopropyl ether	6.16	45	349065	57.460	ug/l	96
23) Vinyl Acetate	6.10	43	1151199	297.678	ug/l	95
24) 1,1-Dichloroethane	6.06	63	183492	50.216	ug/l	97
25) 2-Butanone	7.02	43	223052	309.645	ug/l	91
26) 2,2-Dichloropropane	7.02	77	163385	46.720	ug/l	100
27) cis-1,2-Dichloroethene	7.02	96	117683	48.354	ug/l	96
28) Bromochloromethane	7.36	49	79458	63.832	ug/l	87
29) Tetrahydrofuran	7.38	42	132393	306.640	ug/l	93
30) Chloroform	7.54	83	176875	47.787	ug/l	99
31) Cyclohexane	7.81	56	186224	49.822	ug/l	93
32) 1,1,1-Trichloroethane	7.73	97	154589	46.066	ug/l	97
36) 1,1-Dichloropropene	7.94	75	148731	48.701	ug/l	99
37) Ethyl Acetate	7.10	43	88289	59.720	ug/l	95
38) Carbon Tetrachloride	7.93	117	135493	45.857	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.20	83	195762	48.683	ug/l	98
40) Benzene	8.19	78	439139	50.413	ug/l	100
41) Methacrylonitrile	7.35	41	38510m	56.204	ug/l	
42) 1,2-Dichloroethane	8.26	62	118877	48.985	ug/l	99
43) Isopropyl Acetate	8.30	43	170098	58.110	ug/l	95
44) Trichloroethene	8.96	130	108564	46.237	ug/l	99
45) 1,2-Dichloropropane	9.24	63	110760	52.657	ug/l	99
46) Dibromomethane	9.32	93	57529	48.707	ug/l	100
47) Bromodichloromethane	9.52	83	138034	47.964	ug/l	100
48) Methyl methacrylate	9.31	41	76916	57.895	ug/l	91
49) 1,4-Dioxane	9.32	88	15868	1017.264	ug/l	95
51) 4-Methyl-2-Pentanone	10.08	43	443265	307.495	ug/l	95
52) Toluene	10.25	92	276416	50.011	ug/l	99
53) t-1,3-Dichloropropene	10.47	75	153998	49.130	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	176913	49.162	ug/l	95
55) 1,1,2-Trichloroethane	10.66	97	84739	50.004	ug/l	98
56) Ethyl methacrylate	10.52	69	128353	53.251	ug/l	92
57) 1,3-Dichloropropane	10.80	76	149439	50.025	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.80	63	256222	288.961	ug/l	95
59) 2-Hexanone	10.84	43	337218	321.735	ug/l	96
60) Dibromochloromethane	10.99	129	94982	47.549	ug/l	99
61) 1,2-Dibromoethane	11.10	107	82127	49.204	ug/l	99
64) Tetrachloroethene	10.73	164	87722	44.184	ug/l	98
65) Chlorobenzene	11.52	112	282566	47.537	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.60	131	98022	47.116	ug/l	99
67) Ethyl Benzene	11.60	91	532604	48.460	ug/l	98
68) m/p-Xylenes	11.71	106	397769	96.407	ug/l	99
69) o-Xylene	12.03	106	189283	48.657	ug/l	98
70) Styrene	12.05	104	333442	49.565	ug/l	99
71) Bromoform	12.22	173	56699	48.944	ug/l #	99
73) Isopropylbenzene	12.33	105	514521	46.825	ug/l	99
74) N-amyl acetate	12.15	43	165205	57.858	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.59	83	110270	52.819	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	80155m	51.734	ug/l	
77) Bromobenzene	12.61	156	110072	46.288	ug/l	92
78) n-propylbenzene	12.67	91	637539	48.464	ug/l	99
79) 2-Chlorotoluene	12.76	91	351566	46.886	ug/l	99
80) 1,3,5-Trimethylbenzene	12.82	105	430874	46.561	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	41690	52.065	ug/l	98
82) 4-Chlorotoluene	12.86	91	376351	47.871	ug/l	100
83) tert-Butylbenzene	13.08	119	369046	47.180	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	427935	46.723	ug/l	100
85) sec-Butylbenzene	13.26	105	534572	48.607	ug/l	99
86) p-Isopropyltoluene	13.38	119	468560	48.347	ug/l	100
87) 1,3-Dichlorobenzene	13.37	146	217301	47.682	ug/l	100
88) 1,4-Dichlorobenzene	13.45	146	217684	47.679	ug/l	100
89) n-Butylbenzene	13.70	91	480667	50.267	ug/l	99
90) Hexachloroethane	13.97	117	86980	46.760	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	198050	47.955	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	17866	46.356	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	129800	46.639	ug/l	98
94) Hexachlorobutadiene	15.12	225	65801	46.585	ug/l	98
95) Naphthalene	15.24	128	305028	46.634	ug/l	100
96) 1,2,3-Trichlorobenzene	15.43	180	114524	46.617	ug/l	98

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

