

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY041320\
 Data File : VY002275.D
 Acq On : 13 Apr 2020 13:02
 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
 4/14/2020 10:01:45 AM

Quant Time: Apr 14 08:55:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y040820S.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 08 15:15:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	180325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.71	114	322245	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.50	117	286843	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.44	152	127780	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	97161	48.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.90%	
35) Dibromofluoromethane	7.74	113	97936	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
50) Toluene-d8	10.19	98	401655	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
62) 4-Bromofluorobenzene	12.49	95	137326	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.91	85	88575	48.602	ug/l	97
3) Chloromethane	2.12	50	103108	44.953	ug/l	98
4) Vinyl Chloride	2.26	62	111491	45.667	ug/l	99
5) Bromomethane	2.66	94	65923	43.727	ug/l	99
6) Chloroethane	2.80	64	64592	45.876	ug/l	97
7) Trichlorofluoromethane	3.14	101	153780	48.775	ug/l	99
8) Diethyl Ether	3.55	74	64966	48.469	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.92	101	104658	48.867	ug/l	100
10) Methyl Iodide	4.11	142	128572	51.647	ug/l	98
11) Tert butyl alcohol	4.98	59	51031	237.167	ug/l	96
12) 1,1-Dichloroethene	3.89	96	107573	49.405	ug/l	95
13) Acrolein	3.75	56	62251	240.757	ug/l	98
14) Allyl chloride	4.50	41	167958	47.768	ug/l	99
15) Acrylonitrile	5.19	53	160004	233.436	ug/l	99
16) Acetone	3.97	43	144845	274.238	ug/l	98
17) Carbon Disulfide	4.21	76	353258	48.852	ug/l	99
18) Methyl Acetate	4.50	43	76658	46.792	ug/l	99
19) Methyl tert-butyl Ether	5.24	73	276966	48.385	ug/l	98
20) Methylene Chloride	4.74	84	116752	44.973	ug/l	95
21) trans-1,2-Dichloroethene	5.24	96	118075	48.312	ug/l	97
22) Diisopropyl ether	6.14	45	337092	47.639	ug/l	98
23) Vinyl Acetate	6.08	43	1074365	238.259	ug/l	99
24) 1,1-Dichloroethane	6.04	63	193354	48.041	ug/l	99
25) 2-Butanone	7.00	43	203972	244.027	ug/l	99
26) 2,2-Dichloropropane	7.00	77	162555	48.283	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	127910	48.011	ug/l	98
28) Bromochloromethane	7.35	49	79255	45.617	ug/l	98
29) Tetrahydrofuran	7.36	42	127878	231.444	ug/l	99
30) Chloroform	7.52	83	182966	48.226	ug/l	99
31) Cyclohexane	7.80	56	196494	46.511	ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	157381	49.839	ug/l	99
36) 1,1-Dichloropropene	7.93	75	155463	48.979	ug/l	99
37) Ethyl Acetate	7.09	43	84998	46.875	ug/l	99
38) Carbon Tetrachloride	7.91	117	135039	49.738	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	213468	49.440	ug/l	98
40) Benzene	8.17	78	466713	48.464	ug/l	100
41) Methacrylonitrile	7.33	41	46063m	43.062	ug/l	
42) 1,2-Dichloroethane	8.25	62	114008	47.792	ug/l	100
43) Isopropyl Acetate	8.28	43	157254	47.551	ug/l	99
44) Trichloroethene	8.95	130	131571	46.470	ug/l	96
45) 1,2-Dichloropropane	9.23	63	114223	47.804	ug/l	100
46) Dibromomethane	9.31	93	59968	48.001	ug/l	99
47) Bromodichloromethane	9.51	83	141639	49.410	ug/l	96
48) Methyl methacrylate	9.30	41	70998	47.880	ug/l	99
49) 1,4-Dioxane	9.31	88	17955	1015.997	ug/l	94
51) 4-Methyl-2-Pentanone	10.08	43	416612	241.762	ug/l	100
52) Toluene	10.25	92	283388	48.829	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	156260	50.031	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	186421	49.647	ug/l	99
55) 1,1,2-Trichloroethane	10.66	97	89581	48.977	ug/l	97
56) Ethyl methacrylate	10.52	69	131000	50.182	ug/l	98
57) 1,3-Dichloropropane	10.80	76	156042	48.537	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	330365	244.380	ug/l	100
59) 2-Hexanone	10.84	43	296230	247.690	ug/l	99
60) Dibromochloromethane	10.99	129	98257	50.380	ug/l	100
61) 1,2-Dibromoethane	11.10	107	84963	48.793	ug/l	99
64) Tetrachloroethene	10.73	164	138314	47.694	ug/l	97
65) Chlorobenzene	11.52	112	288509	48.386	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	97564	49.559	ug/l	98
67) Ethyl Benzene	11.60	91	540885	49.551	ug/l	99
68) m/p-Xylenes	11.71	106	399922	97.819	ug/l	99
69) o-Xylene	12.03	106	189928	49.482	ug/l	99
70) Styrene	12.05	104	325808	48.925	ug/l	99
71) Bromoform	12.22	173	55740	52.066	ug/l #	99
73) Isopropylbenzene	12.34	105	505985	50.404	ug/l	99
74) N-amyl acetate	12.15	43	142106	49.869	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.59	83	71295	58.702	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	66462m	44.792	ug/l	
77) Bromobenzene	12.62	156	109910	49.765	ug/l	99
78) n-propylbenzene	12.68	91	617077	49.426	ug/l	99
79) 2-Chlorotoluene	12.77	91	339461	50.032	ug/l	100
80) 1,3,5-Trimethylbenzene	12.82	105	419298	50.505	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.39	75	39639	51.959	ug/l	95
82) 4-Chlorotoluene	12.86	91	356133	50.080	ug/l	99
83) tert-Butylbenzene	13.08	119	351543	50.552	ug/l	99
84) 1,2,4-Trimethylbenzene	13.13	105	415710	50.144	ug/l	99
85) sec-Butylbenzene	13.26	105	517098	49.916	ug/l	100
86) p-Isopropyltoluene	13.38	119	450988	50.582	ug/l	99
87) 1,3-Dichlorobenzene	13.38	146	211570	49.429	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	214848	49.449	ug/l	99
89) n-Butylbenzene	13.70	91	450922	49.340	ug/l	100
90) Hexachloroethane	13.97	117	86129	50.694	ug/l	99
91) 1,2-Dichlorobenzene	13.75	146	192406	49.470	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.37	75	14456	49.213	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.02	180	123310	48.506	ug/l	99
94) Hexachlorobutadiene	15.12	225	61836	48.294	ug/l	98
95) Naphthalene	15.25	128	280419	50.379	ug/l	100
96) 1,2,3-Trichlorobenzene	15.44	180	106789	48.377	ug/l	100

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

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