

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY103019\
 Data File : VY000486.D
 Acq On : 30 Oct 2019 11:46
 Operator : SY/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ML/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 10/31/2019 11:31:29 AM

Quant Time: Oct 30 13:26:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y103019S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 30 13:10:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	235849	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	393846	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	351650	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	180128	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	132608	54.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.66%	
35) Dibromofluoromethane	7.73	113	119252	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.18	98	486211	55.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.84%	
62) 4-Bromofluorobenzene	12.48	95	173211	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	121045	52.137	ug/l	100
3) Chloromethane	2.11	50	160758	50.264	ug/l	100
4) Vinyl Chloride	2.25	62	150339	50.620	ug/l	100
5) Bromomethane	2.65	94	85083	47.773	ug/l	100
6) Chloroethane	2.79	64	92015	49.503	ug/l	100
7) Trichlorofluoromethane	3.13	101	199041	49.625	ug/l	100
8) Diethyl Ether	3.54	74	71445	50.131	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	118835	49.007	ug/l	100
10) Methyl Iodide	4.10	142	152870	53.449	ug/l	100
11) Tert butyl alcohol	4.97	59	54474	229.277	ug/l	100
12) 1,1-Dichloroethene	3.88	96	122792	52.122	ug/l	100
13) Acrolein	3.73	56	51142	247.118	ug/l	100
14) Allyl chloride	4.49	41	193830	50.598	ug/l	100
15) Acrylonitrile	5.18	53	180698	247.509	ug/l	100
16) Acetone	3.95	43	183753	273.160	ug/l	100
17) Carbon Disulfide	4.19	76	372580	50.142	ug/l	100
18) Methyl Acetate	4.48	43	97869	46.791	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	326426	49.834	ug/l	100
20) Methylene Chloride	4.72	84	132363	45.921	ug/l	100
21) trans-1,2-Dichloroethene	5.22	96	133941	50.290	ug/l	100
22) Diisopropyl ether	6.13	45	418465	50.258	ug/l	100
23) Vinyl Acetate	6.07	43	1328359	252.729	ug/l	100
24) 1,1-Dichloroethane	6.03	63	223726	49.598	ug/l	100
25) 2-Butanone	7.00	43	276528	257.577	ug/l	100
26) 2,2-Dichloropropane	6.99	77	199669	48.437	ug/l	100
27) cis-1,2-Dichloroethene	7.00	96	145948	50.114	ug/l	100
28) Bromochloromethane	7.35	49	110556	60.681	ug/l	100
29) Tetrahydrofuran	7.36	42	162664	247.672	ug/l	100
30) Chloroform	7.52	83	226775	49.697	ug/l	100
31) Cyclohexane	7.79	56	229783	48.637	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	203517	50.044	ug/l	100
36) 1,1-Dichloropropene	7.93	75	182216	48.940	ug/l	100
37) Ethyl Acetate	7.09	43	105072	47.533	ug/l	100
38) Carbon Tetrachloride	7.91	117	179414	50.079	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	243567	50.636	ug/l	100
40) Benzene	8.17	78	540512	49.517	ug/l	100
41) Methacrylonitrile	7.33	41	56653m	45.958	ug/l	
42) 1,2-Dichloroethane	8.25	62	154855	50.018	ug/l	100
43) Isopropyl Acetate	8.28	43	202563	48.782	ug/l	100
44) Trichloroethene	8.94	130	140927	48.966	ug/l	100
45) 1,2-Dichloropropane	9.22	63	133136	49.557	ug/l	100
46) Dibromomethane	9.31	93	73327	49.629	ug/l	100
47) Bromodichloromethane	9.50	83	178537	50.926	ug/l	100
48) Methyl methacrylate	9.30	41	88676	48.876	ug/l	100
49) 1,4-Dioxane	9.31	88	20112	1011.421	ug/l	100
51) 4-Methyl-2-Pentanone	10.08	43	552496	250.254	ug/l	100
52) Toluene	10.25	92	343583	49.786	ug/l	100
53) t-1,3-Dichloropropene	10.47	75	194313	51.873	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	217516	50.687	ug/l	100
55) 1,1,2-Trichloroethane	10.64	97	106269	49.728	ug/l	100
56) Ethyl methacrylate	10.51	69	157852	52.116	ug/l	100
57) 1,3-Dichloropropane	10.79	76	188277	50.338	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	357888	261.361	ug/l	100
59) 2-Hexanone	10.83	43	419447	260.761	ug/l	100
60) Dibromochloromethane	10.99	129	124511	50.867	ug/l	100
61) 1,2-Dibromoethane	11.09	107	104883	51.044	ug/l	100
64) Tetrachloroethene	10.72	164	145269	49.960	ug/l	100
65) Chlorobenzene	11.52	112	354761	49.759	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	127398	51.523	ug/l	100
67) Ethyl Benzene	11.59	91	671001	51.137	ug/l	100
68) m/p-Xylenes	11.70	106	525346	103.443	ug/l	100
69) o-Xylene	12.03	106	239644	50.208	ug/l	100
70) Styrene	12.04	104	422935	51.747	ug/l	100
71) Bromoform	12.20	173	74550	52.419	ug/l #	100
73) Isopropylbenzene	12.33	105	657764	49.408	ug/l	100
74) N-amyl acetate	12.14	43	193147	50.658	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	128257	48.657	ug/l	100
76) 1,2,3-Trichloropropane	12.63	75	112531m	33.782	ug/l	
77) Bromobenzene	12.61	156	147496	48.857	ug/l	100
78) n-propylbenzene	12.67	91	800882	49.859	ug/l	100
79) 2-Chlorotoluene	12.75	91	438155	49.134	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	555804	50.128	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	46647	50.994	ug/l	100
82) 4-Chlorotoluene	12.85	91	461212	49.895	ug/l	100
83) tert-Butylbenzene	13.07	119	474186	50.088	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	563077	51.006	ug/l	100
85) sec-Butylbenzene	13.25	105	687953	51.006	ug/l	100
86) p-Isopropyltoluene	13.37	119	608478	50.618	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	293020	49.554	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	294382	49.820	ug/l	100
89) n-Butylbenzene	13.69	91	602363	50.805	ug/l	100
90) Hexachloroethane	13.96	117	113379	51.018	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	268230	49.995	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.36	75	22605	48.456	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	176036	48.188	ug/l	100
94) Hexachlorobutadiene	15.11	225	94955	50.425	ug/l	100
95) Naphthalene	15.23	128	398957	49.196	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	163343	49.839	ug/l	100

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

