

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY091119\
 Data File : VY000015.D
 Acq On : 11 Sep 2019 21:51
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.00ml/MSVOA Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 11:51:46 PM

Quant Time: Sep 19 11:46:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y091119S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 19 11:25:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.79	168	142643	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	267793	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	237662	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	102895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	80052	55.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.72%	
35) Dibromofluoromethane	7.72	113	78286	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	
50) Toluene-d8	10.18	98	322172	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
62) 4-Bromofluorobenzene	12.48	95	110963	51.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	51584	53.743	ug/l	98
3) Chloromethane	2.11	50	70545	50.031	ug/l	95
4) Vinyl Chloride	2.25	62	82319	49.791	ug/l	100
5) Bromomethane	2.64	94	49912	51.742	ug/l	97
6) Chloroethane	2.79	64	55174	50.614	ug/l	98
7) Trichlorofluoromethane	3.12	101	106572	52.339	ug/l	98
8) Diethyl Ether	3.53	74	44927	56.256	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.89	101	74447	54.617	ug/l	99
10) Methyl Iodide	4.09	142	86172	54.326	ug/l	99
11) Tert butyl alcohol	4.97	59	51213	294.476	ug/l	99
12) 1,1-Dichloroethene	3.87	96	66680	50.541	ug/l	96
13) Acrolein	3.73	56	36409	298.980	ug/l	98
14) Allyl chloride	4.48	41	105050	52.340	ug/l	98
15) Acrylonitrile	5.17	53	148130	282.713	ug/l	97
16) Acetone	3.95	43	102128	253.131	ug/l	99
17) Carbon Disulfide	4.19	76	133882	53.554	ug/l	97
18) Methyl Acetate	4.48	43	64763	60.857	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	213708	57.503	ug/l	94
20) Methylene Chloride	4.71	84	85208	57.946	ug/l	94
21) trans-1,2-Dichloroethene	5.21	96	75119	52.841	ug/l	97
22) Diisopropyl ether	6.12	45	239000	54.774	ug/l	95
23) Vinyl Acetate	6.06	43	819563	277.063	ug/l	99
24) 1,1-Dichloroethane	6.02	63	143444	54.883	ug/l	98
25) 2-Butanone	6.99	43	173989	273.115	ug/l	99
26) 2,2-Dichloropropane	6.98	77	111959	50.098	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	96350	54.022	ug/l	99
28) Bromochloromethane	7.34	49	66979	55.620	ug/l	98
29) Tetrahydrofuran	7.35	42	110356	277.288	ug/l	98
30) Chloroform	7.51	83	142338	53.804	ug/l	97
31) Cyclohexane	7.78	56	108400	54.702	ug/l	99
32) 1,1,1-Trichloroethane	7.70	97	116300	53.260	ug/l	99
36) 1,1-Dichloropropene	7.92	75	98057	50.656	ug/l	99
37) Ethyl Acetate	7.08	43	72497	54.762	ug/l	99
38) Carbon Tetrachloride	7.90	117	95853	51.580	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.18	83	123324	51.676	ug/l	97
40) Benzene	8.16	78	333396	53.560	ug/l	96
41) Methacrylonitrile	7.33	41	41501m	52.300	ug/l	
42) 1,2-Dichloroethane	8.24	62	86549	53.329	ug/l	98
43) Isopropyl Acetate	8.27	43	135529	55.693	ug/l	98
44) Trichloroethene	8.93	130	84767	52.930	ug/l	98
45) 1,2-Dichloropropane	9.21	63	86031	53.843	ug/l	100
46) Dibromomethane	9.31	93	47974	55.486	ug/l	95
47) Bromodichloromethane	9.49	83	114407	55.245	ug/l	93
48) Methyl methacrylate	9.29	41	60347	56.137	ug/l	97
49) 1,4-Dioxane	9.30	88	19040	1120.327	ug/l	96
51) 4-Methyl-2-Pentanone	10.07	43	382241	285.344	ug/l	99
52) Toluene	10.24	92	212829	54.309	ug/l	97
53) t-1,3-Dichloropropene	10.46	75	118183	54.325	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	136553	53.768	ug/l	97
55) 1,1,2-Trichloroethane	10.64	97	75599	56.414	ug/l	97
56) Ethyl methacrylate	10.51	69	110456	57.254	ug/l	98
57) 1,3-Dichloropropane	10.79	76	122957	55.600	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	280335	281.661	ug/l	99
59) 2-Hexanone	10.83	43	264274	277.077	ug/l	99
60) Dibromochloromethane	10.98	129	79907	55.951	ug/l	98
61) 1,2-Dibromoethane	11.09	107	66374	53.843	ug/l	94
64) Tetrachloroethene	10.71	164	74668	51.392	ug/l	94
65) Chlorobenzene	11.51	112	233573	53.168	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.59	131	78875	53.066	ug/l	97
67) Ethyl Benzene	11.59	91	412151	51.347	ug/l	99
68) m/p-Xylenes	11.69	106	312918	102.636	ug/l	99
69) o-Xylene	12.02	106	153713	52.423	ug/l	99
70) Styrene	12.04	104	270271	52.938	ug/l	99
71) Bromoform	12.20	173	48988	54.402	ug/l #	100
73) Isopropylbenzene	12.32	105	400075	51.424	ug/l	98
74) N-amyl acetate	12.14	43	122559	56.761	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	96819	54.018	ug/l	99
76) 1,2,3-Trichloropropane	12.63	75	64410m	53.046	ug/l	
77) Bromobenzene	12.60	156	87229	52.604	ug/l	99
78) n-propylbenzene	12.66	91	480525	51.035	ug/l	99
79) 2-Chlorotoluene	12.75	91	267184	51.148	ug/l	99
80) 1,3,5-Trimethylbenzene	12.80	105	334721	52.040	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.37	75	37561	53.546	ug/l	96
82) 4-Chlorotoluene	12.85	91	286719	52.553	ug/l	100
83) tert-Butylbenzene	13.07	119	283664	51.838	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	327557	52.062	ug/l	98
85) sec-Butylbenzene	13.24	105	417581	51.192	ug/l	100
86) p-Isopropyltoluene	13.36	119	349216	50.900	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	170843	53.405	ug/l	100
88) 1,4-Dichlorobenzene	13.44	146	169402	52.516	ug/l	100
89) n-Butylbenzene	13.69	91	349550	50.986	ug/l	99
90) Hexachloroethane	13.95	117	71203	51.297	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	157110	52.152	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.35	75	17181	51.478	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	93845	51.083	ug/l	99
94) Hexachlorobutadiene	15.10	225	44584	50.120	ug/l	99
95) Naphthalene	15.22	128	277745	55.301	ug/l	100
96) 1,2,3-Trichlorobenzene	15.41	180	88820	53.913	ug/l	97

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

