

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120919\
 Data File : VY000925.D
 Acq On : 09 Dec 2019 20:08
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/10/2019 4:09:03 PM

Quant Time: Dec 10 08:24:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y112719S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 27 12:40:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	288787	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	519099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	481262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	224717	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	162597	52.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.98%	
35) Dibromofluoromethane	7.73	113	156702	51.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.60%	
50) Toluene-d8	10.18	98	633987	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	
62) 4-Bromofluorobenzene	12.48	95	226869	49.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.90%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	130562	41.999	ug/l	96
3) Chloromethane	2.12	50	173800	45.355	ug/l	99
4) Vinyl Chloride	2.25	62	175824	46.556	ug/l	100
5) Bromomethane	2.65	94	115567	50.968	ug/l	97
6) Chloroethane	2.79	64	113462	49.001	ug/l	97
7) Trichlorofluoromethane	3.13	101	254130	49.101	ug/l	98
8) Diethyl Ether	3.54	74	106889	54.871	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	159696	49.964	ug/l	99
10) Methyl Iodide	4.10	142	207954	51.676	ug/l	98
11) Tert butyl alcohol	4.97	59	85864	278.124	ug/l	99
12) 1,1-Dichloroethene	3.88	96	156626	49.465	ug/l	94
13) Acrolein	3.74	56	78578	258.383	ug/l	99
14) Allyl chloride	4.49	41	281605	51.868	ug/l	99
15) Acrylonitrile	5.18	53	281829	280.176	ug/l	98
16) Acetone	3.96	43	196508	279.157	ug/l	99
17) Carbon Disulfide	4.19	76	487095	47.564	ug/l	97
18) Methyl Acetate	4.49	43	162008	55.042	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	471679	55.778	ug/l	99
20) Methylene Chloride	4.72	84	200758	54.104	ug/l	99
21) trans-1,2-Dichloroethene	5.23	96	183983	51.121	ug/l	96
22) Diisopropyl ether	6.13	45	615095	55.122	ug/l	96
23) Vinyl Acetate	6.07	43	1889880	278.585	ug/l	99
24) 1,1-Dichloroethane	6.03	63	325425	52.912	ug/l	99
25) 2-Butanone	7.00	43	355660	273.510	ug/l	99
26) 2,2-Dichloropropane	6.99	77	248333	47.974	ug/l	100
27) cis-1,2-Dichloroethene	6.99	96	211293	54.313	ug/l	98
28) Bromochloromethane	7.35	49	133879	58.992	ug/l	93
29) Tetrahydrofuran	7.36	42	252408	292.924	ug/l	100
30) Chloroform	7.52	83	318126	51.562	ug/l	95
31) Cyclohexane	7.79	56	311575	47.822	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	265740	52.160	ug/l	98
36) 1,1-Dichloropropene	7.93	75	253555	49.125	ug/l	98
37) Ethyl Acetate	7.08	43	158659	53.237	ug/l	99
38) Carbon Tetrachloride	7.91	117	225716	49.105	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	326974	47.815	ug/l	99
40) Benzene	8.17	78	772007	51.350	ug/l	98
41) Methacrylonitrile	7.32	41	71099m	45.264	ug/l	
42) 1,2-Dichloroethane	8.25	62	207340	52.440	ug/l	99
43) Isopropyl Acetate	8.28	43	298395	53.131	ug/l	100
44) Trichloroethene	8.94	130	198955	51.492	ug/l	99
45) 1,2-Dichloropropane	9.22	63	202381	53.592	ug/l	95
46) Dibromomethane	9.31	93	105059	53.245	ug/l	99
47) Bromodichloromethane	9.50	83	249423	53.811	ug/l	99
48) Methyl methacrylate	9.30	41	129688	52.513	ug/l	94
49) 1,4-Dioxane	9.30	88	30518	1091.586	ug/l	87
51) 4-Methyl-2-Pentanone	10.07	43	794629	273.842	ug/l	100
52) Toluene	10.24	92	476291	51.167	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	269870	54.192	ug/l	97
54) cis-1,3-Dichloropropene	9.93	75	312453	53.082	ug/l	99
55) 1,1,2-Trichloroethane	10.64	97	157502	54.029	ug/l	96
56) Ethyl methacrylate	10.51	69	233056	55.886	ug/l	98
57) 1,3-Dichloropropane	10.79	76	278113	54.738	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.78	63	460992	274.158	ug/l	99
59) 2-Hexanone	10.83	43	551003	260.588	ug/l	100
60) Dibromochloromethane	10.99	129	172752	55.048	ug/l	98
61) 1,2-Dibromoethane	11.08	107	152112	55.367	ug/l	99
64) Tetrachloroethene	10.72	164	207226	49.560	ug/l	99
65) Chlorobenzene	11.51	112	500631	50.044	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.59	131	180273	53.473	ug/l	98
67) Ethyl Benzene	11.59	91	930557	49.947	ug/l	99
68) m/p-Xylenes	11.70	106	691059	98.822	ug/l	100
69) o-Xylene	12.02	106	329773	50.577	ug/l	99
70) Styrene	12.04	104	583908	52.300	ug/l	99
71) Bromoform	12.20	173	101168	53.207	ug/l #	100
73) Isopropylbenzene	12.33	105	888165	49.639	ug/l	99
74) N-amyl acetate	12.14	43	263500	52.910	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	183781	52.129	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	149948m	58.895	ug/l	
77) Bromobenzene	12.60	156	197598	50.948	ug/l	99
78) n-propylbenzene	12.67	91	1074661	49.190	ug/l	99
79) 2-Chlorotoluene	12.75	91	599232	49.649	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	735556	49.651	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	66790	51.529	ug/l	98
82) 4-Chlorotoluene	12.85	91	634043	50.990	ug/l	99
83) tert-Butylbenzene	13.07	119	613034	49.219	ug/l	99
84) 1,2,4-Trimethylbenzene	13.11	105	750363	50.626	ug/l	99
85) sec-Butylbenzene	13.25	105	896173	49.473	ug/l	100
86) p-Isopropyltoluene	13.36	119	780093	49.513	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	386730	50.829	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	388495	51.569	ug/l	99
89) n-Butylbenzene	13.69	91	799003	50.158	ug/l	99
90) Hexachloroethane	13.95	117	149226	51.416	ug/l	100
91) 1,2-Dichlorobenzene	13.73	146	354964	51.867	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.35	75	31961	54.151	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	240031	51.832	ug/l	99
94) Hexachlorobutadiene	15.11	225	115248	50.195	ug/l	97
95) Naphthalene	15.23	128	579133	53.858	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	219074	52.962	ug/l	98

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

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