

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY120619\
 Data File : VY000904.D
 Acq On : 06 Dec 2019 16:43
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 12/9/2019 11:24:19 AM

Quant Time: Dec 06 18:18:38 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	7.79	168	295350	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	8.69	114	520231	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	474895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	222922	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.15	65	162993	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	
35) Dibromofluoromethane	7.72	113	154965	51.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.22%	
50) Toluene-d8	10.17	98	639943	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	
62) 4-Bromofluorobenzene	12.48	95	224426	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	139924	44.010	ug/l	99
3) Chloromethane	2.12	50	185723	47.389	ug/l	99
4) Vinyl Chloride	2.25	62	188981	48.928	ug/l	100
5) Bromomethane	2.65	94	116662	50.217	ug/l	94
6) Chloroethane	2.79	64	119335	50.392	ug/l	97
7) Trichlorofluoromethane	3.12	101	275206	51.991	ug/l	91
8) Diethyl Ether	3.53	74	107589	54.003	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	168893	51.668	ug/l	98
10) Methyl Iodide	4.09	142	222523	54.068	ug/l	98
11) Tert butyl alcohol	4.96	59	84593	267.919	ug/l	99
12) 1,1-Dichloroethene	3.87	96	167172	51.622	ug/l	98
13) Acrolein	3.73	56	74568	239.748	ug/l	99
14) Allyl chloride	4.48	41	294872	53.105	ug/l	100
15) Acrylonitrile	5.16	53	277741	269.976	ug/l	99
16) Acetone	3.95	43	194264	269.836	ug/l	96
17) Carbon Disulfide	4.19	76	515996	49.266	ug/l	98
18) Methyl Acetate	4.48	43	160752	53.401	ug/l	100
19) Methyl tert-butyl Ether	5.22	73	477015	55.156	ug/l	99
20) Methylene Chloride	4.71	84	203838	53.714	ug/l	97
21) trans-1,2-Dichloroethene	5.22	96	194537	52.852	ug/l	97
22) Diisopropyl ether	6.12	45	633281	55.490	ug/l	98
23) Vinyl Acetate	6.07	43	1925201	277.485	ug/l	99
24) 1,1-Dichloroethane	6.02	63	338930	53.883	ug/l	98
25) 2-Butanone	6.99	43	355237	267.114	ug/l	99
26) 2,2-Dichloropropane	6.99	77	280311	52.948	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	216980	54.535	ug/l	98
28) Bromochloromethane	7.34	49	149727	64.320	ug/l	95
29) Tetrahydrofuran	7.35	42	244382	277.308	ug/l	98
30) Chloroform	7.51	83	328508	52.061	ug/l	99
31) Cyclohexane	7.79	56	329169	49.399	ug/l	100
32) 1,1,1-Trichloroethane	7.71	97	281301	53.987	ug/l	98
36) 1,1-Dichloropropene	7.92	75	264738	51.180	ug/l	100
37) Ethyl Acetate	7.08	43	153960	51.548	ug/l	100
38) Carbon Tetrachloride	7.91	117	239961	52.091	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	348108	50.795	ug/l	99
40) Benzene	8.16	78	797504	52.930	ug/l	98
41) Methacrylonitrile	7.32	41	72980m	46.360	ug/l	
42) 1,2-Dichloroethane	8.24	62	210600	53.149	ug/l	100
43) Isopropyl Acetate	8.28	43	303255	53.879	ug/l	100
44) Trichloroethene	8.94	130	204579	52.833	ug/l	98
45) 1,2-Dichloropropane	9.22	63	206181	54.479	ug/l	97
46) Dibromomethane	9.30	93	106205	53.709	ug/l	98
47) Bromodichloromethane	9.50	83	254757	54.842	ug/l	98
48) Methyl methacrylate	9.29	41	130631	52.779	ug/l	94
49) 1,4-Dioxane	9.30	88	31052	1108.269	ug/l #	93
51) 4-Methyl-2-Pentanone	10.07	43	792230	272.421	ug/l	99
52) Toluene	10.24	92	502872	53.905	ug/l	99
53) t-1,3-Dichloropropene	10.46	75	281759	56.457	ug/l	98
54) cis-1,3-Dichloropropene	9.92	75	322066	54.597	ug/l	98
55) 1,1,2-Trichloroethane	10.64	97	161864	55.404	ug/l	93
56) Ethyl methacrylate	10.51	69	237919	56.928	ug/l	99
57) 1,3-Dichloropropane	10.79	76	282531	55.487	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.78	63	423250	251.165	ug/l	99
59) 2-Hexanone	10.83	43	560852	264.669	ug/l	100
60) Dibromochloromethane	10.99	129	177023	56.287	ug/l	100
61) 1,2-Dibromoethane	11.09	107	154873	56.249	ug/l	99
64) Tetrachloroethene	10.72	164	217719	52.768	ug/l	97
65) Chlorobenzene	11.51	112	520051	52.683	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.59	131	177422	53.333	ug/l	100
67) Ethyl Benzene	11.59	91	963223	52.394	ug/l	100
68) m/p-Xylenes	11.70	106	714175	103.497	ug/l	99
69) o-Xylene	12.03	106	338676	52.639	ug/l	100
70) Styrene	12.04	104	593667	53.887	ug/l	99
71) Bromoform	12.20	173	103040	54.918	ug/l #	99
73) Isopropylbenzene	12.33	105	908570	51.188	ug/l	100
74) N-amyl acetate	12.14	43	264684	53.576	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.58	83	184331	52.706	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	130258m	51.573	ug/l	
77) Bromobenzene	12.61	156	199150	51.761	ug/l	98
78) n-propylbenzene	12.67	91	1115751	51.482	ug/l	100
79) 2-Chlorotoluene	12.75	91	618790	51.682	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	763280	51.937	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	68674	53.409	ug/l	98
82) 4-Chlorotoluene	12.85	91	658936	53.419	ug/l	98
83) tert-Butylbenzene	13.07	119	643438	52.076	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	760699	51.737	ug/l	98
85) sec-Butylbenzene	13.25	105	931405	51.832	ug/l	99
86) p-Isopropyltoluene	13.36	119	815171	52.156	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	391761	51.905	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	389786	52.157	ug/l	99
89) n-Butylbenzene	13.69	91	823935	52.140	ug/l	100
90) Hexachloroethane	13.95	117	154136	53.535	ug/l	99
91) 1,2-Dichlorobenzene	13.73	146	363476	53.539	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31420	53.663	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	243037	52.904	ug/l	100
94) Hexachlorobutadiene	15.11	225	119664	52.538	ug/l	99
95) Naphthalene	15.23	128	573729	53.785	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	219059	53.384	ug/l	98

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

