

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011119\
 Data File : VW008236.D
 Acq On : 12 Jan 2019 12:00
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 1/14/2019 2:42:44 PM

Quant Time: Jan 14 11:10:51 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 09 04:40:48 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	80276	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	144145	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	135073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	68161	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	47112	52.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.44%	
35) Dibromofluoromethane	7.88	113	44716	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	
50) Toluene-d8	10.32	98	177390	50.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.56%	
62) 4-Bromofluorobenzene	12.62	95	62034	49.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.10%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26486	40.427	ug/l	99
3) Chloromethane	2.21	50	37991	44.697	ug/l	98
4) Vinyl Chloride	2.37	62	49186	44.338	ug/l	99
5) Bromomethane	2.78	94	41588	50.045	ug/l	95
6) Chloroethane	2.93	64	34315	41.108	ug/l	97
7) Trichlorofluoromethane	3.26	101	37045	41.076	ug/l	93
8) Diethyl Ether	3.68	74	25543	50.100	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39207	43.787	ug/l	96
10) Methyl Iodide	4.26	142	64476	49.407	ug/l	98
11) Tert butyl alcohol	5.21	59	14290	259.552	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	40020	45.523	ug/l	98
13) Acrolein	3.89	56	13408	223.058	ug/l	99
14) Allyl chloride	4.66	41	72983	45.725	ug/l	98
15) Acrylonitrile	5.37	53	54777	282.200	ug/l	100
16) Acetone	4.13	43	41279	254.951	ug/l #	88
17) Carbon Disulfide	4.37	76	124815	45.449	ug/l	99
18) Methyl Acetate	4.67	43	36280	63.623	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	75105	52.551	ug/l	99
20) Methylene Chloride	4.91	84	50757	57.899	ug/l	91
21) trans-1,2-Dichloroethene	5.42	96	47119	49.321	ug/l	92
22) Diisopropyl ether	6.31	45	160990	52.886	ug/l	99
23) Vinyl Acetate	6.26	43	410467	256.744	ug/l	99
24) 1,1-Dichloroethane	6.21	63	89028	50.195	ug/l	99
25) 2-Butanone	7.18	43	69865	278.314	ug/l	93
26) 2,2-Dichloropropane	7.17	77	49394	41.101	ug/l	96
27) cis-1,2-Dichloroethene	7.17	96	53972	51.780	ug/l	95
28) Bromochloromethane	7.51	49	38009	54.179	ug/l	95
29) Tetrahydrofuran	7.53	42	48252	287.755	ug/l	99
30) Chloroform	7.67	83	90608	53.670	ug/l	100
31) Cyclohexane	7.95	56	78921	41.565	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	73306	49.903	ug/l	99
36) 1,1-Dichloropropene	8.08	75	69963	47.118	ug/l	98
37) Ethyl Acetate	7.25	43	31198	52.445	ug/l	97
38) Carbon Tetrachloride	8.07	117	64491	47.453	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	83477	44.338	ug/l	93
40) Benzene	8.32	78	206875	51.368	ug/l	100
41) Methacrylonitrile	7.48	41	18230	48.513	ug/l	95
42) 1,2-Dichloroethane	8.40	62	58285	51.457	ug/l	99
43) Isopropyl Acetate	8.43	43	63021	52.986	ug/l	99
44) Trichloroethene	9.09	130	51904	50.346	ug/l	97
45) 1,2-Dichloropropane	9.37	63	53322	53.397	ug/l #	88
46) Dibromomethane	9.46	93	26602	54.244	ug/l	97
47) Bromodichloromethane	9.65	83	68552	55.050	ug/l	98
48) Methyl methacrylate	9.43	41	30729	54.754	ug/l	90
49) 1,4-Dioxane	9.46	88	8825	1118.958	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	161910	281.228	ug/l	100
52) Toluene	10.39	92	135147	52.546	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	66796	51.568	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	78963	51.409	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	38566	56.011	ug/l	96
56) Ethyl methacrylate	10.65	69	48957	57.414	ug/l	99
57) 1,3-Dichloropropane	10.93	76	68937	54.744	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	122659	278.477	ug/l	98
59) 2-Hexanone	10.97	43	108088	277.625	ug/l	99
60) Dibromochloromethane	11.13	129	45167	59.737	ug/l	100
61) 1,2-Dibromoethane	11.24	107	38105	58.324	ug/l	99
64) Tetrachloroethene	10.86	164	48795	55.509	ug/l	97
65) Chlorobenzene	11.66	112	146079	51.048	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	49775	53.478	ug/l	99
67) Ethyl Benzene	11.73	91	256543	48.996	ug/l	97
68) m/p-Xylenes	11.84	106	198782	99.465	ug/l	98
69) o-Xylene	12.17	106	93110	50.311	ug/l	99
70) Styrene	12.18	104	156408	53.956	ug/l	98
71) Bromoform	12.35	173	25275	60.676	ug/l #	97
73) Isopropylbenzene	12.47	105	252673	47.217	ug/l	98
74) N-amyl acetate	12.27	43	56294	47.503	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	45249	52.827	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	33415m	53.777	ug/l	
77) Bromobenzene	12.75	156	56980	50.393	ug/l	93
78) n-propylbenzene	12.81	91	297885	45.431	ug/l	99
79) 2-Chlorotoluene	12.90	91	170486	46.605	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	207139	47.104	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	12598	47.214	ug/l	99
82) 4-Chlorotoluene	12.99	91	178790	46.406	ug/l	98
83) tert-Butylbenzene	13.21	119	183229	47.098	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	213105	46.987	ug/l	98
85) sec-Butylbenzene	13.39	105	257235	45.138	ug/l	98
86) p-Isopropyltoluene	13.50	119	226276	45.980	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113855	49.638	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	112205	48.758	ug/l	99
89) n-Butylbenzene	13.83	91	209471	43.460	ug/l	100
90) Hexachloroethane	14.10	117	40140	48.291	ug/l	95
91) 1,2-Dichlorobenzene	13.87	146	100460	49.836	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7202	52.247	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61383	45.865	ug/l	98
94) Hexachlorobutadiene	15.24	225	32254	45.027	ug/l	99
95) Naphthalene	15.37	128	122010	48.824	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	54335	47.625	ug/l	98

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

