

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011419\
 Data File : VW008276.D
 Acq On : 15 Jan 2019 10:21
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 1/15/2019 2:09:06 PM

Quant Time: Jan 15 11:57:43 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	75691	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	133927	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	131129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	63976	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	45408	53.38	ug/l	0.00
Spiked Amount			Recovery	=	106.76%	
35) Dibromofluoromethane	7.88	113	42077	53.87	ug/l	0.00
Spiked Amount			Recovery	=	107.74%	
50) Toluene-d8	10.32	98	187384	57.17	ug/l	0.00
Spiked Amount			Recovery	=	114.34%	
62) 4-Bromofluorobenzene	12.62	95	66115	56.26	ug/l	0.00
Spiked Amount			Recovery	=	112.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	28510	46.152	ug/l	94
3) Chloromethane	2.21	50	41386	51.640	ug/l	94
4) Vinyl Chloride	2.37	62	62545	59.796	ug/l	96
5) Bromomethane	2.79	94	43186	55.116	ug/l	99
6) Chloroethane	2.93	64	37859	48.100	ug/l	97
7) Trichlorofluoromethane	3.26	101	47553	55.921	ug/l	96
8) Diethyl Ether	3.68	74	25821	53.713	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39298	46.547	ug/l	97
10) Methyl Iodide	4.26	142	54863	44.587	ug/l	97
11) Tert butyl alcohol	5.23	59	13465	259.362	ug/l #	100
12) 1,1-Dichloroethene	4.03	96	39550	47.714	ug/l	100
13) Acrolein	3.90	56	11535	203.390	ug/l	93
14) Allyl chloride	4.67	41	72288	48.033	ug/l	97
15) Acrylonitrile	5.37	53	51150	279.477	ug/l	98
16) Acetone	4.14	43	56150	378.034	ug/l #	85
17) Carbon Disulfide	4.38	76	122869	47.451	ug/l	97
18) Methyl Acetate	4.68	43	32446	60.346	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	69859	51.841	ug/l	93
20) Methylene Chloride	4.91	84	43710	52.419	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	44863	49.805	ug/l	93
22) Diisopropyl ether	6.31	45	149746	52.173	ug/l	98
23) Vinyl Acetate	6.26	43	412200	273.446	ug/l	99
24) 1,1-Dichloroethane	6.21	63	85389	51.059	ug/l	99
25) 2-Butanone	7.17	43	73632	311.088	ug/l	97
26) 2,2-Dichloropropane	7.16	77	57917	51.112	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	49950	50.825	ug/l	99
28) Bromochloromethane	7.51	49	34349	51.928	ug/l	99
29) Tetrahydrofuran	7.54	42	44959	284.358	ug/l	100
30) Chloroform	7.67	83	86681	54.454	ug/l	92
31) Cyclohexane	7.95	56	84420	47.155	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	73745	53.243	ug/l	100
36) 1,1-Dichloropropene	8.08	75	71404	51.758	ug/l	99
37) Ethyl Acetate	7.26	43	30465	55.120	ug/l	98
38) Carbon Tetrachloride	8.07	117	65705	52.035	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86708	49.568	ug/l	91
40) Benzene	8.32	78	198786	53.125	ug/l	98
41) Methacrylonitrile	7.48	41	16955	48.562	ug/l	95
42) 1,2-Dichloroethane	8.40	62	54962	52.225	ug/l	97
43) Isopropyl Acetate	8.43	43	59594	53.928	ug/l	100
44) Trichloroethene	9.09	130	50043	52.245	ug/l	97
45) 1,2-Dichloropropane	9.37	63	50440	54.365	ug/l	93
46) Dibromomethane	9.46	93	26115	57.313	ug/l	96
47) Bromodichloromethane	9.65	83	63776	55.122	ug/l	97
48) Methyl methacrylate	9.44	41	28696	55.033	ug/l	92
49) 1,4-Dioxane	9.47	88	7898	1077.823	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	158094	295.551	ug/l	98
52) Toluene	10.39	92	131758	55.136	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	68684	57.071	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	77062	53.999	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	37337	58.363	ug/l	97
56) Ethyl methacrylate	10.65	69	47813	60.350	ug/l	97
57) 1,3-Dichloropropane	10.93	76	65894	56.320	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	99727	243.688	ug/l	99
59) 2-Hexanone	10.97	43	121438	335.712	ug/l	98
60) Dibromochloromethane	11.13	129	42271	60.172	ug/l	97
61) 1,2-Dibromoethane	11.24	107	36063	59.410	ug/l	97
64) Tetrachloroethene	10.87	164	40225	47.136	ug/l	98
65) Chlorobenzene	11.66	112	138829	49.973	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	47842	52.947	ug/l	99
67) Ethyl Benzene	11.73	91	258365	50.828	ug/l	100
68) m/p-Xylenes	11.84	106	198075	102.092	ug/l	100
69) o-Xylene	12.17	106	91991	51.201	ug/l	100
70) Styrene	12.18	104	153187	54.434	ug/l	99
71) Bromoform	12.35	173	23995	59.336	ug/l #	100
73) Isopropylbenzene	12.47	105	252452	50.262	ug/l	99
74) N-amyl acetate	12.27	43	57804	51.968	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	44083	54.833	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	26848m	46.035	ug/l	
77) Bromobenzene	12.75	156	54800	51.635	ug/l	96
78) n-propylbenzene	12.81	91	305696	49.673	ug/l	99
79) 2-Chlorotoluene	12.90	91	170664	49.706	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	208742	50.574	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14090	56.260	ug/l	97
82) 4-Chlorotoluene	12.99	91	180418	49.892	ug/l	98
83) tert-Butylbenzene	13.21	119	174829	47.878	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	212073	49.818	ug/l	99
85) sec-Butylbenzene	13.39	105	259115	48.442	ug/l	100
86) p-Isopropyltoluene	13.51	119	231873	50.200	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	113396	52.672	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	110948	51.366	ug/l	99
89) n-Butylbenzene	13.83	91	221959	49.063	ug/l	99
90) Hexachloroethane	14.10	117	41281	52.912	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	98848	52.244	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7364	56.916	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	61706	49.123	ug/l	98
94) Hexachlorobutadiene	15.24	225	33140	49.290	ug/l	99
95) Naphthalene	15.38	128	126512	53.938	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	54530	50.922	ug/l	97

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

