

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
 Data File : VW008903.D
 Acq On : 28 Feb 2019 23:32
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/1/2019 2:57:14 PM

Quant Time: Mar 01 06:57:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 22 00:38:32 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	273741	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	401691	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	397050	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	217197	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	126991	49.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.92%	
35) Dibromofluoromethane	7.88	113	115866	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
50) Toluene-d8	10.32	98	468619	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
62) 4-Bromofluorobenzene	12.62	95	182962	50.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	131953	48.128	ug/l	99
3) Chloromethane	2.21	50	169684	50.843	ug/l	99
4) Vinyl Chloride	2.35	62	174885	49.492	ug/l	100
5) Bromomethane	2.75	94	136079	51.848	ug/l	98
6) Chloroethane	2.91	64	125860	50.159	ug/l	99
7) Trichlorofluoromethane	3.26	101	215632	48.250	ug/l	95
8) Diethyl Ether	3.68	74	67503	47.709	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	128349	47.293	ug/l	98
10) Methyl Iodide	4.27	142	155639	45.861	ug/l	100
11) Tert butyl alcohol	5.17	59	57738	252.604	ug/l	100
12) 1,1-Dichloroethene	4.04	96	115704	48.275	ug/l	98
13) Acrolein	3.90	56	59291	246.249	ug/l	100
14) Allyl chloride	4.67	41	209803	50.718	ug/l	98
15) Acrylonitrile	5.37	53	169958	279.896	ug/l	98
16) Acetone	4.12	43	142554	239.541	ug/l	99
17) Carbon Disulfide	4.38	76	388093	48.803	ug/l	98
18) Methyl Acetate	4.67	43	79072	56.018	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	331959	51.170	ug/l	100
20) Methylene Chloride	4.92	84	150463	51.475	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	137071	49.440	ug/l	93
22) Diisopropyl ether	6.31	45	430826	52.209	ug/l	95
23) Vinyl Acetate	6.26	43	1329789	260.822	ug/l	99
24) 1,1-Dichloroethane	6.21	63	244210	51.071	ug/l	99
25) 2-Butanone	7.17	43	219701	264.062	ug/l	98
26) 2,2-Dichloropropane	7.16	77	195359	45.001	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	150300	50.680	ug/l	98
28) Bromochloromethane	7.51	49	103206	51.577	ug/l	98
29) Tetrahydrofuran	7.52	42	145736	274.863	ug/l	99
30) Chloroform	7.68	83	250271	51.018	ug/l	99
31) Cyclohexane	7.95	56	229314	47.376	ug/l	93
32) 1,1,1-Trichloroethane	7.87	97	222623	49.903	ug/l	98
36) 1,1-Dichloropropene	8.08	75	194178	49.659	ug/l	99
37) Ethyl Acetate	7.25	43	100286	55.153	ug/l	97
38) Carbon Tetrachloride	8.07	117	203088	49.249	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	238101	48.818	ug/l	97
40) Benzene	8.32	78	554061	51.897	ug/l	98
41) Methacrylonitrile	7.48	41	56779	53.123	ug/l	93
42) 1,2-Dichloroethane	8.40	62	174554	51.614	ug/l	99
43) Isopropyl Acetate	8.43	43	189279	52.157	ug/l	99
44) Trichloroethene	9.09	130	151137	50.253	ug/l	97
45) 1,2-Dichloropropane	9.37	63	136412	51.706	ug/l	96
46) Dibromomethane	9.46	93	75187	51.236	ug/l	98
47) Bromodichloromethane	9.65	83	185547	51.968	ug/l	99
48) Methyl methacrylate	9.43	41	89466	51.473	ug/l	94
49) 1,4-Dioxane	9.44	88	28162	1198.371	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	518678	281.514	ug/l	100
52) Toluene	10.39	92	383888	52.982	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	185179	50.885	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	213530	51.446	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	106934	53.732	ug/l	94
56) Ethyl methacrylate	10.65	69	146605	56.701	ug/l	98
57) 1,3-Dichloropropane	10.93	76	185615	52.825	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	351858	270.574	ug/l	99
59) 2-Hexanone	10.97	43	366826	279.691	ug/l	97
60) Dibromochloromethane	11.13	129	127695	52.605	ug/l	99
61) 1,2-Dibromoethane	11.24	107	104737	53.168	ug/l	98
64) Tetrachloroethene	10.86	164	152513	53.661	ug/l	98
65) Chlorobenzene	11.66	112	428668	51.345	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	140292	49.697	ug/l	99
67) Ethyl Benzene	11.73	91	769863	51.583	ug/l	100
68) m/p-Xylenes	11.84	106	610949	102.453	ug/l	99
69) o-Xylene	12.17	106	290552	51.911	ug/l	100
70) Styrene	12.18	104	471707	52.383	ug/l	99
71) Bromoform	12.35	173	76794	50.608	ug/l	# 98
73) Isopropylbenzene	12.46	105	783553	52.624	ug/l	100
74) N-amyl acetate	12.27	43	208353	55.552	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	127131	52.254	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	94898m	52.920	ug/l	
77) Bromobenzene	12.75	156	184589	52.461	ug/l	99
78) n-propylbenzene	12.80	91	951465	52.239	ug/l	100
79) 2-Chlorotoluene	12.90	91	541238	52.339	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	676686	52.296	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	36479	49.454	ug/l	97
82) 4-Chlorotoluene	12.99	91	567238	52.053	ug/l	100
83) tert-Butylbenzene	13.21	119	596543	53.319	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	693503	51.775	ug/l	100
85) sec-Butylbenzene	13.38	105	846505	52.618	ug/l	100
86) p-Isopropyltoluene	13.50	119	763681	51.782	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	376473	51.570	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	373819	51.955	ug/l	99
89) n-Butylbenzene	13.83	91	720357	52.137	ug/l	99
90) Hexachloroethane	14.10	117	128557	53.247	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	340302	52.316	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25183	57.221	ug/l	96

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QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	249565	53.249	ug/l	98
94) Hexachlorobutadiene	15.24	225	150237	54.421	ug/l	99
95) Naphthalene	15.37	128	444012	55.642	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	215690	53.227	ug/l	99

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

