

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072019\
 Data File : VW011412.D
 Acq On : 20 Jul 2019 08:49
 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

MMDadoda
 7/22/2019 9:21:57 AM

Quant Time: Jul 22 01:22:35 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070819S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 11 08:14:17 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	185432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	311997	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	275470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	132145	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	116899	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	7.88	113	95919	51.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.16%	
50) Toluene-d8	10.32	98	377854	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	
62) 4-Bromofluorobenzene	12.62	95	138070	50.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	63243	45.730	ug/l	99
3) Chloromethane	2.21	50	98810	55.448	ug/l	95
4) Vinyl Chloride	2.35	62	122357	52.459	ug/l	98
5) Bromomethane	2.76	94	61172	52.193	ug/l	94
6) Chloroethane	2.91	64	68327	54.388	ug/l	100
7) Trichlorofluoromethane	3.25	101	50198	60.582	ug/l	97
8) Diethyl Ether	3.68	74	67450	58.832	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	107656	54.242	ug/l	98
10) Methyl Iodide	4.27	142	154699	56.672	ug/l	98
11) Tert butyl alcohol	5.17	59	55915	324.131	ug/l	96
12) 1,1-Dichloroethene	4.04	96	114867	55.761	ug/l	95
13) Acrolein	3.89	56	41731	303.794	ug/l	98
14) Allyl chloride	4.66	41	228399	60.802	ug/l	98
15) Acrylonitrile	5.36	53	193317	331.084	ug/l	100
16) Acetone	4.12	43	164259	292.990	ug/l	98
17) Carbon Disulfide	4.38	76	325205	52.073	ug/l	99
18) Methyl Acetate	4.67	43	109657	69.327	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	193183	61.806	ug/l	99
20) Methylene Chloride	4.92	84	128004	57.877	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	121923	56.960	ug/l	97
22) Diisopropyl ether	6.31	45	474332	58.709	ug/l	99
23) Vinyl Acetate	6.25	43	1470342	294.063	ug/l	99
24) 1,1-Dichloroethane	6.21	63	248012	58.458	ug/l	99
25) 2-Butanone	7.17	43	278904	316.922	ug/l	98
26) 2,2-Dichloropropane	7.17	77	115009	52.150	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	135276	58.587	ug/l	100
28) Bromochloromethane	7.51	49	96273	49.906	ug/l	99
29) Tetrahydrofuran	7.52	42	183419	317.856	ug/l	99
30) Chloroform	7.67	83	224380	57.108	ug/l	99
31) Cyclohexane	7.95	56	236862	52.478	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	171798	57.480	ug/l	99
36) 1,1-Dichloropropene	8.08	75	182664	54.978	ug/l	100
37) Ethyl Acetate	7.25	43	121208	60.718	ug/l	99
38) Carbon Tetrachloride	8.07	117	155090	55.064	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	223793	55.573	ug/l	98
40) Benzene	8.32	78	520505	56.687	ug/l	100
41) Methacrylonitrile	7.48	41	76449	66.960	ug/l	93
42) 1,2-Dichloroethane	8.40	62	166891	56.030	ug/l	99
43) Isopropyl Acetate	8.42	43	224800	59.647	ug/l	100
44) Trichloroethene	9.09	130	125393	56.750	ug/l	99
45) 1,2-Dichloropropane	9.37	63	143339	57.648	ug/l	99
46) Dibromomethane	9.46	93	67485	57.778	ug/l	98
47) Bromodichloromethane	9.64	83	169677	56.775	ug/l	100
48) Methyl methacrylate	9.43	41	111638	61.570	ug/l	97
49) 1,4-Dioxane	9.45	88	25010	1282.812	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	612190	310.953	ug/l	100
52) Toluene	10.39	92	316433	56.811	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	170960	53.742	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	200758	53.616	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	96002	57.937	ug/l	98
56) Ethyl methacrylate	10.65	69	151358	59.997	ug/l	98
57) 1,3-Dichloropropane	10.93	76	182024	58.091	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	322811	276.012	ug/l	99
59) 2-Hexanone	10.97	43	417189	305.559	ug/l	99
60) Dibromochloromethane	11.13	129	104458	57.488	ug/l	100
61) 1,2-Dibromoethane	11.23	107	92574	58.980	ug/l	100
64) Tetrachloroethene	10.86	164	116786	62.828	ug/l	98
65) Chlorobenzene	11.66	112	315674	56.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	112619	57.110	ug/l	99
67) Ethyl Benzene	11.73	91	611655	57.049	ug/l	98
68) m/p-Xylenes	11.84	106	439697	113.338	ug/l	100
69) o-Xylene	12.16	106	209184	57.209	ug/l	100
70) Styrene	12.18	104	365632	57.940	ug/l	99
71) Bromoform	12.35	173	61309	58.475	ug/l #	98
73) Isopropylbenzene	12.46	105	579042	58.617	ug/l	99
74) N-amyl acetate	12.27	43	199733	58.056	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	121346	59.927	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	84152m	55.106	ug/l	
77) Bromobenzene	12.75	156	128264	57.858	ug/l	99
78) n-propylbenzene	12.80	91	695820	57.181	ug/l	99
79) 2-Chlorotoluene	12.89	91	397554	56.773	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	487312	58.068	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	33980	50.328	ug/l	99
82) 4-Chlorotoluene	12.99	91	412690	56.583	ug/l	100
83) tert-Butylbenzene	13.21	119	411944	58.858	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	481733	57.167	ug/l	100
85) sec-Butylbenzene	13.38	105	579534	57.384	ug/l	100
86) p-Isopropyltoluene	13.50	119	518238	57.212	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	242256	56.797	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	240141	55.911	ug/l	99
89) n-Butylbenzene	13.82	91	501583	55.508	ug/l	99
90) Hexachloroethane	14.10	117	93674	56.592	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	221429	57.224	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21313	59.339	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	153759	57.691	ug/l	98
94) Hexachlorobutadiene	15.24	225	94423	57.706	ug/l	99
95) Naphthalene	15.37	128	331581	64.923	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	139302	59.222	ug/l	100

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

