

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011529.D
 Acq On : 26 Jul 2019 20:58
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 9:19:10 AM

Quant Time: Jul 27 06:37:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:23:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219992	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	366641	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	327988	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	158692	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	131561	52.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.16%	
35) Dibromofluoromethane	7.88	113	106127	51.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.20%	
50) Toluene-d8	10.32	98	430361	51.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.20%	
62) 4-Bromofluorobenzene	12.62	95	154154	51.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	52908	43.153	ug/l	99
3) Chloromethane	2.21	50	92477	43.498	ug/l	99
4) Vinyl Chloride	2.36	62	114033	44.552	ug/l	99
5) Bromomethane	2.76	94	55891	39.450	ug/l	99
6) Chloroethane	2.91	64	62822	42.968	ug/l	97
7) Trichlorofluoromethane	3.24	101	50594	44.230	ug/l	96
8) Diethyl Ether	3.68	74	61881	47.712	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	97167	44.779	ug/l	98
10) Methyl Iodide	4.27	142	144867	47.242	ug/l	100
11) Tert butyl alcohol	5.18	59	46222	247.777	ug/l	98
12) 1,1-Dichloroethene	4.04	96	104216	45.487	ug/l	97
13) Acrolein	3.89	56	39796	219.556	ug/l	99
14) Allyl chloride	4.67	41	224984	46.170	ug/l	100
15) Acrylonitrile	5.36	53	161933	250.117	ug/l	98
16) Acetone	4.12	43	152274	189.501	ug/l	99
17) Carbon Disulfide	4.38	76	315849	44.046	ug/l	100
18) Methyl Acetate	4.67	43	90718	50.254	ug/l	98
19) Methyl tert-butyl Ether	5.42	73	177545	48.833	ug/l	98
20) Methylene Chloride	4.92	84	121995	44.021	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	116422	47.133	ug/l	99
22) Diisopropyl ether	6.31	45	448290	48.794	ug/l	97
23) Vinyl Acetate	6.25	43	1415545	245.203	ug/l	100
24) 1,1-Dichloroethane	6.21	63	233484	47.452	ug/l	100
25) 2-Butanone	7.17	43	244635	232.659	ug/l	98
26) 2,2-Dichloropropane	7.16	77	126116	41.677	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	129009	47.455	ug/l	99
28) Bromochloromethane	7.51	49	119598	54.761	ug/l	99
29) Tetrahydrofuran	7.52	42	151946	252.809	ug/l	100
30) Chloroform	7.68	83	214216	47.190	ug/l	99
31) Cyclohexane	7.95	56	205032	43.409	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	160720	46.490	ug/l	100
36) 1,1-Dichloropropene	8.08	75	173745	45.574	ug/l	100
37) Ethyl Acetate	7.25	43	105288	48.003	ug/l	99
38) Carbon Tetrachloride	8.07	117	146124	44.773	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	191142	45.533	ug/l	100
40) Benzene	8.32	78	495781	46.427	ug/l	98
41) Methacrylonitrile	7.48	41	63842	48.692	ug/l	96
42) 1,2-Dichloroethane	8.40	62	157567	47.128	ug/l	100
43) Isopropyl Acetate	8.42	43	198163	49.126	ug/l	99
44) Trichloroethene	9.09	130	118610	46.213	ug/l	100
45) 1,2-Dichloropropane	9.37	63	135263	47.340	ug/l	97
46) Dibromomethane	9.46	93	61795	47.385	ug/l	99
47) Bromodichloromethane	9.65	83	159584	46.650	ug/l	99
48) Methyl methacrylate	9.43	41	96184	49.639	ug/l	100
49) 1,4-Dioxane	9.45	88	18383	973.535	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	523264	249.391	ug/l	100
52) Toluene	10.39	92	302329	46.881	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	168228	47.077	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	202714	47.710	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	87438	47.255	ug/l	99
56) Ethyl methacrylate	10.65	69	135220	49.940	ug/l	99
57) 1,3-Dichloropropane	10.93	76	169358	48.379	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	391262	318.260	ug/l	100
59) 2-Hexanone	10.97	43	356060	240.347	ug/l	99
60) Dibromochloromethane	11.13	129	98016	47.722	ug/l	100
61) 1,2-Dibromoethane	11.23	107	84114	48.036	ug/l	99
64) Tetrachloroethene	10.86	164	97266	45.546	ug/l	98
65) Chlorobenzene	11.66	112	303259	45.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	107111	46.633	ug/l	99
67) Ethyl Benzene	11.73	91	580852	46.251	ug/l	100
68) m/p-Xylenes	11.84	106	425097	93.075	ug/l	99
69) o-Xylene	12.16	106	200035	47.132	ug/l	99
70) Styrene	12.18	104	349099	47.573	ug/l	100
71) Bromoform	12.35	173	55486	47.380	ug/l #	98
73) Isopropylbenzene	12.46	105	545485	46.076	ug/l	100
74) N-amyl acetate	12.27	43	183427	49.489	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.71	83	106733	47.930	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	75426m	44.919	ug/l	
77) Bromobenzene	12.74	156	122872	46.956	ug/l	99
78) n-propylbenzene	12.80	91	667040	46.297	ug/l	100
79) 2-Chlorotoluene	12.89	91	386661	46.583	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	465170	46.874	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	34740	47.681	ug/l	98
82) 4-Chlorotoluene	12.99	91	397241	45.614	ug/l	99
83) tert-Butylbenzene	13.21	119	382830	46.131	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	467579	46.772	ug/l	99
85) sec-Butylbenzene	13.38	105	550061	46.453	ug/l	100
86) p-Isopropyltoluene	13.50	119	493536	45.937	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	238351	46.454	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	236527	46.342	ug/l	99
89) n-Butylbenzene	13.82	91	488630	45.574	ug/l	100
90) Hexachloroethane	14.09	117	87606	46.113	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	211347	46.573	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	18552	48.855	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	150512	47.061	ug/l	100
94) Hexachlorobutadiene	15.24	225	89566	44.907	ug/l	99
95) Naphthalene	15.37	128	282215	45.252	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	131492	46.904	ug/l	100

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

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