

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041819\
 Data File : VW010038.D
 Acq On : 18 Apr 2019 11:39
 Operator : SY/VA
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 4/19/2019 12:52:44 PM

Quant Time: Apr 18 15:48:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W041719S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 18 02:23:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	414345	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	650352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	579744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	288435	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	240525	47.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.08%	
35) Dibromofluoromethane	7.88	113	206142	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	
50) Toluene-d8	10.32	98	825398	53.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.54%	
62) 4-Bromofluorobenzene	12.62	95	289617	51.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	175515	55.555	ug/l	97
3) Chloromethane	2.21	50	168462	53.321	ug/l	96
4) Vinyl Chloride	2.37	62	205469	55.949	ug/l	100
5) Bromomethane	2.78	94	128943	52.245	ug/l	97
6) Chloroethane	2.92	64	129607	54.013	ug/l	96
7) Trichlorofluoromethane	3.25	101	123752	48.738	ug/l	96
8) Diethyl Ether	3.67	74	103423	48.966	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	230885	54.039	ug/l	100
10) Methyl Iodide	4.26	142	324821	55.013	ug/l	99
11) Tert butyl alcohol	5.17	59	64135	220.203	ug/l	99
12) 1,1-Dichloroethene	4.03	96	231813	56.593	ug/l	98
13) Acrolein	3.89	56	81614	266.356	ug/l	92
14) Allyl chloride	4.65	41	397170	54.538	ug/l	99
15) Acrylonitrile	5.36	53	254498	234.137	ug/l	100
16) Acetone	4.12	43	283671	239.107	ug/l	99
17) Carbon Disulfide	4.37	76	692164	55.928	ug/l	99
18) Methyl Acetate	4.67	43	123611	45.019	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	279529	52.539	ug/l	99
20) Methylene Chloride	4.91	84	246287	53.708	ug/l	98
21) trans-1,2-Dichloroethene	5.41	96	253669	57.189	ug/l	99
22) Diisopropyl ether	6.31	45	776017	52.534	ug/l	97
23) Vinyl Acetate	6.25	43	2479134	266.601	ug/l	98
24) 1,1-Dichloroethane	6.21	63	470497	53.281	ug/l	100
25) 2-Butanone	7.16	43	380691	244.277	ug/l	99
26) 2,2-Dichloropropane	7.16	77	265042	54.250	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	265007	54.324	ug/l	99
28) Bromochloromethane	7.51	49	168929	46.811	ug/l	98
29) Tetrahydrofuran	7.52	42	241650	244.714	ug/l	99
30) Chloroform	7.67	83	454427	51.357	ug/l	99
31) Cyclohexane	7.95	56	454005	54.904	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	372091	53.567	ug/l	100
36) 1,1-Dichloropropene	8.07	75	384261	57.843	ug/l	99
37) Ethyl Acetate	7.24	43	165139	48.920	ug/l	100
38) Carbon Tetrachloride	8.06	117	365838	56.426	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	458860	56.601	ug/l	99
40) Benzene	8.32	78	1010002	55.604	ug/l	98
41) Methacrylonitrile	7.48	41	89184	46.355	ug/l	92
42) 1,2-Dichloroethane	8.40	62	318366	51.001	ug/l	99
43) Isopropyl Acetate	8.42	43	318167	50.297	ug/l	99
44) Trichloroethene	9.09	130	259650	56.280	ug/l	97
45) 1,2-Dichloropropane	9.37	63	251674	52.712	ug/l	98
46) Dibromomethane	9.45	93	128382	51.880	ug/l	100
47) Bromodichloromethane	9.64	83	343015	53.697	ug/l	98
48) Methyl methacrylate	9.43	41	150675	48.933	ug/l	96
49) 1,4-Dioxane	9.45	88	36892	975.677	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	835893	252.296	ug/l	100
52) Toluene	10.38	92	635613	56.175	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	342076	54.012	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	398711	55.132	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	174647	50.565	ug/l	98
56) Ethyl methacrylate	10.65	69	236261	49.299	ug/l	98
57) 1,3-Dichloropropane	10.93	76	315628	50.985	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	541777	262.508	ug/l	100
59) 2-Hexanone	10.97	43	602010	261.028	ug/l	100
60) Dibromochloromethane	11.13	129	210346	52.692	ug/l	99
61) 1,2-Dibromoethane	11.24	107	168546	51.298	ug/l	99
64) Tetrachloroethene	10.86	164	213720	56.788	ug/l	99
65) Chlorobenzene	11.66	112	648550	54.657	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	230985	54.435	ug/l	99
67) Ethyl Benzene	11.73	91	1241837	58.659	ug/l	99
68) m/p-Xylenes	11.84	106	925388	116.936	ug/l	99
69) o-Xylene	12.16	106	422286	58.605	ug/l	99
70) Styrene	12.18	104	737666	59.375	ug/l	100
71) Bromoform	12.35	173	114797	51.162	ug/l #	96
73) Isopropylbenzene	12.46	105	1192828	59.420	ug/l	100
74) N-amyl acetate	12.27	43	303039	54.511	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	203843	51.397	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	148518m	51.447	ug/l	
77) Bromobenzene	12.75	156	260649	56.456	ug/l	97
78) n-propylbenzene	12.80	91	1477218	59.374	ug/l	100
79) 2-Chlorotoluene	12.90	91	822228	57.462	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1013822	59.564	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	69582	56.835	ug/l	98
82) 4-Chlorotoluene	12.99	91	855809	56.828	ug/l	100
83) tert-Butylbenzene	13.21	119	839308	59.546	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	1014967	58.815	ug/l	100
85) sec-Butylbenzene	13.38	105	1234155	58.592	ug/l	100
86) p-Isopropyltoluene	13.50	119	1118398	60.240	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	519783	55.694	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	506847	54.409	ug/l	100
89) n-Butylbenzene	13.83	91	1116518	60.702	ug/l	99
90) Hexachloroethane	14.10	117	201096	56.553	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	452067	54.023	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	35740	50.355	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	309528	56.068	ug/l	98
94) Hexachlorobutadiene	15.24	225	187387	55.896	ug/l	99
95) Naphthalene	15.37	128	567865	51.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	269286	56.223	ug/l	100

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

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