

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW060419\
 Data File : VW010680.D
 Acq On : 04 Jun 2019 18:04
 Operator : SY/VA
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW060419

Manual Integrations
 APPROVED

MMDadoda
 6/5/2019 3:05:16 PM

Quant Time: Jun 05 03:33:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W060419S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 05 03:21:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	255163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	412033	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	368895	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	179335	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	160638	53.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.82%	
35) Dibromofluoromethane	7.88	113	127569	57.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.08%	
50) Toluene-d8	10.32	98	532248	54.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.54%	
62) 4-Bromofluorobenzene	12.62	95	193804	54.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	121504	51.529	ug/l	99
3) Chloromethane	2.21	50	187281	53.984	ug/l	100
4) Vinyl Chloride	2.35	62	171445	53.489	ug/l	98
5) Bromomethane	2.75	94	95210	54.092	ug/l	98
6) Chloroethane	2.91	64	106669	55.443	ug/l	98
7) Trichlorofluoromethane	3.25	101	228257	54.860	ug/l	100
8) Diethyl Ether	3.68	74	81523	54.828	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	139765	54.638	ug/l	98
10) Methyl Iodide	4.27	142	149462	56.074	ug/l	99
11) Tert butyl alcohol	5.17	59	67872	277.010	ug/l	99
12) 1,1-Dichloroethene	4.04	96	135593	54.949	ug/l	97
13) Acrolein	3.90	56	24886	248.557	ug/l	98
14) Allyl chloride	4.67	41	308505	56.701	ug/l	100
15) Acrylonitrile	5.37	53	202454	280.268	ug/l	99
16) Acetone	4.12	43	229878	285.257	ug/l	100
17) Carbon Disulfide	4.38	76	443059	56.561	ug/l	100
18) Methyl Acetate	4.67	43	93816	54.082	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	394465	55.426	ug/l	97
20) Methylene Chloride	4.92	84	153034	54.132	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	154785	55.256	ug/l	98
22) Diisopropyl ether	6.31	45	614280	56.393	ug/l	99
23) Vinyl Acetate	6.26	43	1864677	283.654	ug/l	100
24) 1,1-Dichloroethane	6.21	63	305434	55.952	ug/l	98
25) 2-Butanone	7.17	43	316078	282.859	ug/l	100
26) 2,2-Dichloropropane	7.17	77	250536	56.401	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	171842	55.743	ug/l	99
28) Bromochloromethane	7.51	49	137178	56.309	ug/l	100
29) Tetrahydrofuran	7.53	42	192723	274.198	ug/l	99
30) Chloroform	7.68	83	280201	56.118	ug/l	97
31) Cyclohexane	7.95	56	319113	52.588	ug/l	100
32) 1,1,1-Trichloroethane	7.87	97	244276	56.006	ug/l	99
36) 1,1-Dichloropropene	8.08	75	237486	56.308	ug/l	100
37) Ethyl Acetate	7.25	43	128112	54.815	ug/l	99
38) Carbon Tetrachloride	8.07	117	206994	56.853	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	301432	56.221	ug/l	98
40) Benzene	8.32	78	647882	56.309	ug/l	100
41) Methacrylonitrile	7.48	41	77825	56.021	ug/l	96
42) 1,2-Dichloroethane	8.40	62	206508	56.550	ug/l	100
43) Isopropyl Acetate	8.43	43	258109	57.164	ug/l	100
44) Trichloroethene	9.09	130	158925	55.994	ug/l	100
45) 1,2-Dichloropropane	9.37	63	173715	57.035	ug/l	98
46) Dibromomethane	9.46	93	79947	56.512	ug/l	99
47) Bromodichloromethane	9.65	83	211760	57.746	ug/l	99
48) Methyl methacrylate	9.43	41	123671	56.808	ug/l	98
49) 1,4-Dioxane	9.45	88	25858	1169.098	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	654523	283.747	ug/l	100
52) Toluene	10.39	92	398496	56.290	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	227555	58.585	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	266899	58.395	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	114367	56.118	ug/l	99
56) Ethyl methacrylate	10.65	69	181160	57.769	ug/l	98
57) 1,3-Dichloropropane	10.93	76	218010	56.763	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	445873	271.455	ug/l	99
59) 2-Hexanone	10.97	43	481044	288.549	ug/l	100
60) Dibromochloromethane	11.13	129	132202	58.518	ug/l	100
61) 1,2-Dibromoethane	11.24	107	108243	56.057	ug/l	99
64) Tetrachloroethene	10.87	164	135420	55.289	ug/l	99
65) Chlorobenzene	11.66	112	401731	55.379	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	144073	57.373	ug/l	100
67) Ethyl Benzene	11.73	91	778827	55.863	ug/l	99
68) m/p-Xylenes	11.84	106	565222	113.254	ug/l	100
69) o-Xylene	12.17	106	266688	56.343	ug/l	99
70) Styrene	12.18	104	469937	57.153	ug/l	100
71) Bromoform	12.35	173	74598	57.439	ug/l #	99
73) Isopropylbenzene	12.47	105	742599	55.104	ug/l	100
74) N-amyl acetate	12.27	43	247841	56.905	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	139838	54.506	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	102994m	54.689	ug/l	
77) Bromobenzene	12.75	156	163151	55.462	ug/l	99
78) n-propylbenzene	12.80	91	903801	55.619	ug/l	100
79) 2-Chlorotoluene	12.90	91	511826	55.131	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	617360	55.968	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	47931	58.495	ug/l	96
82) 4-Chlorotoluene	12.99	91	532706	55.603	ug/l	100
83) tert-Butylbenzene	13.21	119	518428	55.379	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	628279	56.602	ug/l	100
85) sec-Butylbenzene	13.38	105	758570	55.655	ug/l	100
86) p-Isopropyltoluene	13.50	119	685681	56.256	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	316207	55.740	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	310290	55.172	ug/l	100
89) n-Butylbenzene	13.83	91	693057	56.989	ug/l	100
90) Hexachloroethane	14.10	117	123708	56.674	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	281379	55.155	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	25521	57.929	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	208735	58.305	ug/l	98
94) Hexachlorobutadiene	15.24	225	127805	56.881	ug/l	100
95) Naphthalene	15.37	128	378889	58.250	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	178961	58.779	ug/l	99

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

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