

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW080618\
 Data File : VW004483.D
 Acq On : 06 Aug 2018 21:19
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW080618

Manual Integrations
 APPROVED

apatel
 8/7/2018 4:49:19 PM

Quant Time: Aug 07 08:42:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W080618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 08:22:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	767915	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1191795	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1131997	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	591859	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	407593	47.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.90%	
35) Dibromofluoromethane	7.88	113	391897	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
50) Toluene-d8	10.33	98	1547879	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	
62) 4-Bromofluorobenzene	12.62	95	574337	52.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	246952	46.86	ug/l	98
3) Chloromethane	2.22	50	353679	48.17	ug/l	98
4) Vinyl Chloride	2.37	62	476084	46.42	ug/l	99
5) Bromomethane	2.78	94	285231	47.76	ug/l	96
6) Chloroethane	2.93	64	297444	48.54	ug/l	99
7) Trichlorofluoromethane	3.25	101	179660	47.43	ug/l	99
8) Diethyl Ether	3.68	74	233159	48.66	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	394947	47.21	ug/l	98
10) Methyl Iodide	4.27	142	614497	48.95	ug/l	99
11) Tert butyl alcohol	5.21	59	126370	253.90	ug/l	98
12) 1,1-Dichloroethene	4.04	96	398151	47.28	ug/l	99
13) Acrolein	3.89	56	146591	240.38	ug/l	98
14) Allyl chloride	4.66	41	628043	49.64	ug/l	98
15) Acrylonitrile	5.37	53	518244	243.37	ug/l	100
16) Acetone	4.14	43	521945	245.87	ug/l	98
17) Carbon Disulfide	4.38	76	1294542	47.83	ug/l	99
18) Methyl Acetate	4.67	43	252755	47.75	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	584174	50.86	ug/l	99
20) Methylene Chloride	4.92	84	593062	58.75	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	439129	48.39	ug/l	100
22) Diisopropyl ether	6.31	45	1332764	51.26	ug/l	99
23) Vinyl Acetate	6.26	43	4032302	258.04	ug/l	99
24) 1,1-Dichloroethane	6.21	63	800819	48.12	ug/l	98
25) 2-Butanone	7.18	43	817151	239.29	ug/l	99
26) 2,2-Dichloropropane	7.17	77	388246	44.45	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	485036	49.68	ug/l	99
28) Bromochloromethane	7.51	49	366301	50.59	ug/l	99
29) Tetrahydrofuran	7.54	42	443803	251.39	ug/l	99
30) Chloroform	7.68	83	781136	47.79	ug/l	99
31) Cyclohexane	7.96	56	753180	47.30	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	583028	47.48	ug/l	99
36) 1,1-Dichloropropene	8.08	75	628055	48.94	ug/l	100
37) Ethyl Acetate	7.26	43	290417	48.32	ug/l	99
38) Carbon Tetrachloride	8.07	117	553324	47.92	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	787669	50.08	ug/l	98
40) Benzene	8.33	78	1804876	47.90	ug/l	99
41) Methacrylonitrile	7.49	41	167906	50.02	ug/l	99
42) 1,2-Dichloroethane	8.40	62	492974	47.28	ug/l	100
43) Isopropyl Acetate	8.43	43	520645	49.70	ug/l	100
44) Trichloroethene	9.09	130	438800	47.39	ug/l	97
45) 1,2-Dichloropropane	9.37	63	455125	48.23	ug/l	99
46) Dibromomethane	9.46	93	226580	47.16	ug/l	98
47) Bromodichloromethane	9.65	83	546006	48.15	ug/l	100
48) Methyl methacrylate	9.44	41	251672	51.40	ug/l	97
49) 1,4-Dioxane	9.47	88	76967	1050.13	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	1847440	253.35	ug/l	99
52) Toluene	10.39	92	1107343	49.83	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	568062	49.89	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	668421	50.37	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	328784	47.75	ug/l	99
56) Ethyl methacrylate	10.65	69	437411	53.06	ug/l	100
57) 1,3-Dichloropropane	10.94	76	579081	48.79	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	1043110	238.68	ug/l	100
59) 2-Hexanone	10.98	43	1266418	256.15	ug/l	99
60) Dibromochloromethane	11.13	129	369109	49.29	ug/l	99
61) 1,2-Dibromoethane	11.24	107	315364	48.75	ug/l	99
64) Tetrachloroethene	10.87	164	390817	49.49	ug/l	98
65) Chlorobenzene	11.66	112	1216134	48.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	415863	48.96	ug/l	98
67) Ethyl Benzene	11.74	91	2135627	50.50	ug/l	99
68) m/p-Xylenes	11.85	106	1655136	101.27	ug/l	100
69) o-Xylene	12.17	106	781311	51.55	ug/l	100
70) Styrene	12.19	104	1324875	51.73	ug/l	100
71) Bromoform	12.35	173	227615	48.75	ug/l #	99
73) Isopropylbenzene	12.47	105	2153517	52.60	ug/l	99
74) N-amyl acetate	12.28	43	523133	52.70	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	414847	48.54	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	288821m	47.16	ug/l	
77) Bromobenzene	12.75	156	497433	50.22	ug/l	100
78) n-propylbenzene	12.81	91	2635729	52.18	ug/l	100
79) 2-Chlorotoluene	12.90	91	1504937	51.48	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	1825195	52.26	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	127550	49.86	ug/l	99
82) 4-Chlorotoluene	12.99	91	1580306	50.94	ug/l	100
83) tert-Butylbenzene	13.21	119	1554256	53.06	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	1892865	52.36	ug/l	100
85) sec-Butylbenzene	13.39	105	2294416	51.92	ug/l	100
86) p-Isopropyltoluene	13.51	119	1997935	52.18	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1006969	49.34	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	996825	49.06	ug/l	100
89) n-Butylbenzene	13.83	91	1972454	52.43	ug/l	100
90) Hexachloroethane	14.10	117	357482	50.46	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	908545	49.07	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	68780	49.25	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	663176	51.73	ug/l	99
94) Hexachlorobutadiene	15.25	225	374956	50.23	ug/l	99
95) Naphthalene	15.38	128	1301221	49.23	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	597013	51.83	ug/l	99

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

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