

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004741.D
 Acq On : 17 Aug 2018 18:29
 Operator : SY/AP
 Sample : VSTDICC150
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

apatel
 8/20/2018 9:54:06 AM

Quant Time: Aug 18 01:40:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W081918S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 18 01:25:38 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	730669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1116106	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	1015224	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	522380	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	1018717	144.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	288.42%	
35) Dibromofluoromethane	7.88	113	1022831	143.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	286.78%	
50) Toluene-d8	10.33	98	4098127	147.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	294.34%	
62) 4-Bromofluorobenzene	12.62	95	1482013	147.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	295.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	717529	148.25	ug/l	99
3) Chloromethane	2.22	50	1019477	161.11	ug/l	98
4) Vinyl Chloride	2.37	62	1355042	145.48	ug/l	99
5) Bromomethane	2.78	94	824124	143.26	ug/l	100
6) Chloroethane	2.92	64	838532	149.20	ug/l	100
7) Trichlorofluoromethane	3.25	101	702683	160.13	ug/l	99
8) Diethyl Ether	3.67	74	595192	150.02	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	1115123	147.58	ug/l	100
10) Methyl Iodide	4.27	142	1723356	150.18	ug/l	100
11) Tert butyl alcohol	5.20	59	299965	754.13	ug/l	100
12) 1,1-Dichloroethene	4.03	96	1122743	149.11	ug/l	96
13) Acrolein	3.89	56	345786	652.91	ug/l	97
14) Allyl chloride	4.66	41	1781458	155.90	ug/l	99
15) Acrylonitrile	5.37	53	1294847	778.22	ug/l	99
16) Acetone	4.13	43	1216182	674.42	ug/l	98
17) Carbon Disulfide	4.37	76	3697836	149.44	ug/l	99
18) Methyl Acetate	4.67	43	594858	153.93	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	1535635	157.11	ug/l	97
20) Methylene Chloride	4.91	84	1166784	118.55	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	1212088	151.29	ug/l	99
22) Diisopropyl ether	6.31	45	3431971	156.26	ug/l	97
23) Vinyl Acetate	6.26	43	10333240	831.78	ug/l	100
24) 1,1-Dichloroethane	6.21	63	2133296	149.47	ug/l	100
25) 2-Butanone	7.18	43	2014401	784.01	ug/l	100
26) 2,2-Dichloropropane	7.17	77	1137820	138.02	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	1331343	154.36	ug/l	99
28) Bromochloromethane	7.51	49	875473	145.66	ug/l	98
29) Tetrahydrofuran	7.53	42	1066326	813.88	ug/l	99
30) Chloroform	7.68	83	2071484	147.57	ug/l	99
31) Cyclohexane	7.96	56	2080062	150.67	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	1660607	149.24	ug/l	99
36) 1,1-Dichloropropene	8.09	75	1737928	151.15	ug/l	100
37) Ethyl Acetate	7.26	43	700216	152.77	ug/l	99
38) Carbon Tetrachloride	8.07	117	1588749	150.11	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	2342725	162.93	ug/l	98
40) Benzene	8.32	78	5009406	149.92	ug/l	100
41) Methacrylonitrile	7.49	41	433276	166.57	ug/l	99
42) 1,2-Dichloroethane	8.40	62	1273725	148.65	ug/l	100
43) Isopropyl Acetate	8.43	43	1373594	166.84	ug/l	98
44) Trichloroethene	9.09	130	1289110	151.98	ug/l	99
45) 1,2-Dichloropropane	9.37	63	1245825	152.42	ug/l	99
46) Dibromomethane	9.46	93	604309	149.24	ug/l	99
47) Bromodichloromethane	9.65	83	1498642	154.97	ug/l	99
48) Methyl methacrylate	9.44	41	659244	170.65	ug/l	100
49) 1,4-Dioxane	9.47	88	185529	3136.04	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	4542381	816.37	ug/l	100
52) Toluene	10.39	92	3048979	152.14	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	1573802	161.53	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	1869953	160.99	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	857524	148.98	ug/l	100
56) Ethyl methacrylate	10.65	69	1181975	173.83	ug/l	99
57) 1,3-Dichloropropane	10.94	76	1513355	152.31	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	2620054	824.23	ug/l	99
59) 2-Hexanone	10.98	43	3066011	813.26	ug/l	98
60) Dibromochloromethane	11.13	129	1007105	155.95	ug/l	100
61) 1,2-Dibromoethane	11.24	107	835450	151.84	ug/l	100
64) Tetrachloroethene	10.87	164	1063345	153.26	ug/l	99
65) Chlorobenzene	11.66	112	3308257	151.40	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	1162719	157.59	ug/l	98
67) Ethyl Benzene	11.74	91	5901515	159.31	ug/l	98
68) m/p-Xylenes	11.85	106	4550563	315.75	ug/l	98
69) o-Xylene	12.17	106	2203048	165.13	ug/l	97
70) Styrene	12.19	104	3643358	162.57	ug/l	99
71) Bromoform	12.35	173	621897	159.70	ug/l #	99
73) Isopropylbenzene	12.47	105	5922017	166.64	ug/l	100
74) N-amyl acetate	12.28	43	1341165	180.03	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	1028728	156.26	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	686626m	88.74	ug/l	
77) Bromobenzene	12.75	156	1354053	157.41	ug/l	100
78) n-propylbenzene	12.81	91	7020015	161.88	ug/l	99
79) 2-Chlorotoluene	12.90	91	4031336	161.27	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	4930916	163.32	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	345822	174.55	ug/l	96
82) 4-Chlorotoluene	12.99	91	4191874	157.83	ug/l	100
83) tert-Butylbenzene	13.21	119	4343089	168.18	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	5040423	162.27	ug/l	99
85) sec-Butylbenzene	13.39	105	6246274	162.01	ug/l	100
86) p-Isopropyltoluene	13.51	119	5503490	164.05	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	2709326	154.84	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	2640004	150.94	ug/l	99
89) n-Butylbenzene	13.83	91	5280728	162.81	ug/l	98
90) Hexachloroethane	14.10	117	1005586	164.45	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	2406217	153.11	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	169513	164.75	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	1806950	162.56	ug/l	99
94) Hexachlorobutadiene	15.24	225	1057196	154.96	ug/l	99
95) Naphthalene	15.38	128	3403011	177.03	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	1592324	161.54	ug/l	99

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

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