

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW081918\
 Data File : VW004740.D
 Acq On : 17 Aug 2018 18:03
 Operator : SY/AP
 Sample : VSTDICC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

apatel
 8/20/2018 9:54:02 AM

Quant Time: Aug 18 01:39:06 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	689192	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	1040648	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	958941	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	504271	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	661364	99.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.52%	
35) Dibromofluoromethane	7.88	113	665395	100.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.08%	
50) Toluene-d8	10.33	98	2639005	101.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.28%	
62) 4-Bromofluorobenzene	12.62	95	963718	103.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	206.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	448947	98.34	ug/l	99
3) Chloromethane	2.22	50	606136	101.55	ug/l	99
4) Vinyl Chloride	2.37	62	859747	97.86	ug/l	99
5) Bromomethane	2.78	94	530872	97.84	ug/l	99
6) Chloroethane	2.92	64	529907	99.96	ug/l	99
7) Trichlorofluoromethane	3.25	101	406208	98.14	ug/l	99
8) Diethyl Ether	3.68	74	369564	98.75	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	694818	97.49	ug/l	99
10) Methyl Iodide	4.27	142	1092410	100.92	ug/l	99
11) Tert butyl alcohol	5.22	59	191779	511.16	ug/l	100
12) 1,1-Dichloroethene	4.04	96	699671	98.51	ug/l	97
13) Acrolein	3.89	56	235474	471.38	ug/l	100
14) Allyl chloride	4.66	41	1112116	103.18	ug/l	99
15) Acrylonitrile	5.37	53	809415	515.75	ug/l	100
16) Acetone	4.14	43	778062	457.43	ug/l	99
17) Carbon Disulfide	4.38	76	2327449	99.72	ug/l	100
18) Methyl Acetate	4.67	43	370909	101.76	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	970164	105.23	ug/l	97
20) Methylene Chloride	4.92	84	745029	80.26	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	760922	100.69	ug/l	99
22) Diisopropyl ether	6.31	45	2158515	104.19	ug/l	99
23) Vinyl Acetate	6.26	43	6437377	549.37	ug/l	99
24) 1,1-Dichloroethane	6.21	63	1340254	99.56	ug/l	100
25) 2-Butanone	7.18	43	1263858	521.50	ug/l	99
26) 2,2-Dichloropropane	7.17	77	720053	92.60	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	829646	101.98	ug/l	100
28) Bromochloromethane	7.51	49	570010	100.55	ug/l	99
29) Tetrahydrofuran	7.54	42	668736	541.14	ug/l	99
30) Chloroform	7.68	83	1305168	98.58	ug/l	98
31) Cyclohexane	7.96	56	1266605	97.27	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	1033214	98.44	ug/l	99
36) 1,1-Dichloropropene	8.09	75	1079514	100.70	ug/l	100
37) Ethyl Acetate	7.26	43	442318	103.50	ug/l	99
38) Carbon Tetrachloride	8.07	117	983066	99.62	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	1416588	105.66	ug/l	98
40) Benzene	8.32	78	3123337	100.25	ug/l	100
41) Methacrylonitrile	7.49	41	258083	106.41	ug/l	96
42) 1,2-Dichloroethane	8.40	62	800317	100.17	ug/l	100
43) Isopropyl Acetate	8.43	43	841988	109.69	ug/l	99
44) Trichloroethene	9.09	130	791758	100.11	ug/l	97
45) 1,2-Dichloropropane	9.37	63	769115	100.92	ug/l	99
46) Dibromomethane	9.46	93	379706	100.57	ug/l	99
47) Bromodichloromethane	9.65	83	922825	102.34	ug/l	99
48) Methyl methacrylate	9.44	41	400874	111.29	ug/l	99
49) 1,4-Dioxane	9.47	88	121767	2207.50	ug/l #	84
51) 4-Methyl-2-Pentanone	10.21	43	2812127	542.05	ug/l	100
52) Toluene	10.39	92	1889174	101.10	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	964236	106.14	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	1145968	105.81	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	539281	100.48	ug/l	99
56) Ethyl methacrylate	10.65	69	722094	113.90	ug/l	99
57) 1,3-Dichloropropane	10.93	76	943928	101.89	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	1665424	561.91	ug/l	100
59) 2-Hexanone	10.98	43	1927142	548.24	ug/l	99
60) Dibromochloromethane	11.13	129	620293	103.02	ug/l	99
61) 1,2-Dibromoethane	11.24	107	518188	101.01	ug/l	100
64) Tetrachloroethene	10.87	164	652059	99.50	ug/l	99
65) Chlorobenzene	11.66	112	2062377	99.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	718774	103.14	ug/l	98
67) Ethyl Benzene	11.74	91	3660373	104.61	ug/l	100
68) m/p-Xylenes	11.85	106	2839871	208.62	ug/l	100
69) o-Xylene	12.17	106	1356318	107.63	ug/l	98
70) Styrene	12.19	104	2267297	107.11	ug/l	99
71) Bromoform	12.35	173	388782	105.70	ug/l #	98
73) Isopropylbenzene	12.47	105	3696686	107.76	ug/l	100
74) N-amyl acetate	12.28	43	826989	114.99	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	656091	103.24	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	437023m	58.51	ug/l	
77) Bromobenzene	12.75	156	856710	103.17	ug/l	100
78) n-propylbenzene	12.81	91	4454113	106.40	ug/l	100
79) 2-Chlorotoluene	12.90	91	2531130	104.89	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	3127173	107.30	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	213170	111.46	ug/l	98
82) 4-Chlorotoluene	12.99	91	2655427	103.57	ug/l	100
83) tert-Butylbenzene	13.21	119	2705594	108.53	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	3190745	106.41	ug/l	100
85) sec-Butylbenzene	13.39	105	3940772	105.88	ug/l	100
86) p-Isopropyltoluene	13.51	119	3472001	107.21	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	1715802	101.58	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	1689026	100.04	ug/l	99
89) n-Butylbenzene	13.83	91	3336075	106.55	ug/l	99
90) Hexachloroethane	14.10	117	619562	104.96	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	1545808	101.89	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	107643	108.38	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	1148997	107.08	ug/l	99
94) Hexachlorobutadiene	15.25	225	660317	100.26	ug/l	98
95) Naphthalene	15.38	128	2179880	117.47	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	1022449	107.45	ug/l	99

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

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