

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071718\
 Data File : VW003976.D
 Acq On : 17 Jul 2018 11:02
 Operator : VA/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/18/2018 10:29:43 AM

Quant Time: Jul 17 13:48:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W071618S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 15:06:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276778	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	419327	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	385910	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	198579	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	157210	50.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.62%	
35) Dibromofluoromethane	7.88	113	140669	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	
50) Toluene-d8	10.33	98	555358	53.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.40%	
62) 4-Bromofluorobenzene	12.62	95	195565	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	70449	45.32	ug/l	99
3) Chloromethane	2.21	50	102236	49.97	ug/l	97
4) Vinyl Chloride	2.36	62	143672	51.06	ug/l	100
5) Bromomethane	2.78	94	84688	48.15	ug/l	97
6) Chloroethane	2.92	64	77912	48.73	ug/l	97
7) Trichlorofluoromethane	3.25	101	65573	55.51	ug/l	96
8) Diethyl Ether	3.68	74	59062	43.07	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	137484	50.43	ug/l	99
10) Methyl Iodide	4.26	142	198623	50.73	ug/l	100
11) Tert butyl alcohol	5.18	59	49926	233.76	ug/l	99
12) 1,1-Dichloroethene	4.03	96	135395	50.34	ug/l	100
13) Acrolein	3.89	56	52547	239.45	ug/l	97
14) Allyl chloride	4.66	41	233266	52.54	ug/l	99
15) Acrylonitrile	5.36	53	167436	238.28	ug/l	99
16) Acetone	4.12	43	208850	280.92	ug/l	98
17) Carbon Disulfide	4.37	76	435841	51.91	ug/l	100
18) Methyl Acetate	4.67	43	83522	46.80	ug/l	100
19) Methyl tert-butyl Ether	5.42	73	253256	49.13	ug/l	100
20) Methylene Chloride	4.91	84	146120	43.49	ug/l	99
21) trans-1,2-Dichloroethene	5.41	96	146632	49.73	ug/l	98
22) Diisopropyl ether	6.31	45	460490	51.32	ug/l	99
23) Vinyl Acetate	6.26	43	1412388	248.42	ug/l	100
24) 1,1-Dichloroethane	6.21	63	270531	49.41	ug/l	99
25) 2-Butanone	7.17	43	245022	244.91	ug/l	98
26) 2,2-Dichloropropane	7.17	77	163082	51.89	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	154983	48.62	ug/l	98
28) Bromochloromethane	7.51	49	107015	47.76	ug/l	99
29) Tetrahydrofuran	7.53	42	148873	238.89	ug/l	99
30) Chloroform	7.68	83	272106	49.96	ug/l	97
31) Cyclohexane	7.95	56	255104	49.70	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	215684	50.72	ug/l	100
36) 1,1-Dichloropropene	8.08	75	223270	51.75	ug/l	99
37) Ethyl Acetate	7.26	43	103064	49.53	ug/l	98
38) Carbon Tetrachloride	8.07	117	210610	52.25	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	267160	52.88	ug/l	99
40) Benzene	8.32	78	612672	51.19	ug/l	100
41) Methacrylonitrile	7.48	41	53650	46.53	ug/l	97
42) 1,2-Dichloroethane	8.40	62	182956	50.10	ug/l	99
43) Isopropyl Acetate	8.43	43	188969	48.55	ug/l	99
44) Trichloroethene	9.09	130	156396	50.41	ug/l	97
45) 1,2-Dichloropropane	9.37	63	154899	50.70	ug/l	99
46) Dibromomethane	9.46	93	79142	49.92	ug/l	99
47) Bromodichloromethane	9.65	83	198376	50.76	ug/l	99
48) Methyl methacrylate	9.44	41	93035	49.43	ug/l	100
49) 1,4-Dioxane	9.45	88	24059	987.34	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	510537	246.21	ug/l	100
52) Toluene	10.39	92	381415	51.53	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	205102	50.19	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	236694	50.63	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	109485	49.11	ug/l	99
56) Ethyl methacrylate	10.65	69	144310	45.53	ug/l	97
57) 1,3-Dichloropropane	10.94	76	193974	50.08	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	327392	247.53	ug/l	99
59) 2-Hexanone	10.98	43	379640	259.77	ug/l	99
60) Dibromochloromethane	11.13	129	129758	49.98	ug/l	99
61) 1,2-Dibromoethane	11.24	107	106035	49.98	ug/l	98
64) Tetrachloroethene	10.87	164	132224	49.94	ug/l	97
65) Chlorobenzene	11.66	112	410568	50.03	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	144946	50.83	ug/l	99
67) Ethyl Benzene	11.74	91	743429	51.57	ug/l	99
68) m/p-Xylenes	11.85	106	568623	103.21	ug/l	100
69) o-Xylene	12.17	106	262984	51.46	ug/l	99
70) Styrene	12.19	104	439883	51.53	ug/l	100
71) Bromoform	12.35	173	78427	48.71	ug/l #	100
73) Isopropylbenzene	12.47	105	735371	52.41	ug/l	100
74) N-amyl acetate	12.28	43	181798	49.72	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	132445	48.81	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	94214m	47.79	ug/l	
77) Bromobenzene	12.76	156	168000	50.04	ug/l	100
78) n-propylbenzene	12.81	91	914240	53.11	ug/l	100
79) 2-Chlorotoluene	12.90	91	504959	52.01	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	623936	52.84	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	43093	48.35	ug/l	97
82) 4-Chlorotoluene	12.99	91	530804	50.94	ug/l	100
83) tert-Butylbenzene	13.21	119	527434	53.20	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	639258	52.62	ug/l	99
85) sec-Butylbenzene	13.39	105	784694	53.34	ug/l	100
86) p-Isopropyltoluene	13.51	119	690542	53.52	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	337024	50.26	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	335933	49.95	ug/l	99
89) n-Butylbenzene	13.83	91	680431	53.64	ug/l	99
90) Hexachloroethane	14.10	117	122010	51.30	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	299728	50.16	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	22917	47.49	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	213331	50.84	ug/l	99
94) Hexachlorobutadiene	15.25	225	127266	52.82	ug/l	99
95) Naphthalene	15.38	128	390493	50.42	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	187535	50.48	ug/l	99

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

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