

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005447.D
 Acq On : 17 Sep 2018 21:24
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.60G/5ML/MSVOA W/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 9/18/2018 2:43:34 PM

Quant Time: Sep 18 02:16:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 15 02:32:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	289809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	438844	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	419597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	218932	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.32	65	131740	43.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.58%	
35) Dibromofluoromethane	7.89	113	111163	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
50) Toluene-d8	10.33	98	548089	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	12.62	95	203496	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	116563	47.12	ug/l	100
3) Chloromethane	2.21	50	164606	48.12	ug/l	98
4) Vinyl Chloride	2.36	62	147598	46.06	ug/l	97
5) Bromomethane	2.78	94	90479	45.94	ug/l	100
6) Chloroethane	2.92	64	84318	44.40	ug/l	99
7) Trichlorofluoromethane	3.26	101	179280	42.23	ug/l	100
8) Diethyl Ether	3.69	74	61593	48.82	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	112423	45.41	ug/l	98
10) Methyl Iodide	4.28	142	140579	45.08	ug/l	97
11) Tert butyl alcohol	5.21	59	45425	250.81	ug/l	100
12) 1,1-Dichloroethene	4.04	96	104269	46.50	ug/l	96
13) Acrolein	3.90	56	33278	258.58	ug/l	99
14) Allyl chloride	4.68	41	218024	52.26	ug/l	94
15) Acrylonitrile	5.38	53	149246	258.61	ug/l	99
16) Acetone	4.15	43	117568	273.46	ug/l	97
17) Carbon Disulfide	4.39	76	364105	46.10	ug/l	99
18) Methyl Acetate	4.69	43	73830	51.07	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	305718	50.21	ug/l	97
20) Methylene Chloride	4.92	84	158596	53.55	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	126180	47.12	ug/l	99
22) Diisopropyl ether	6.32	45	449440	54.80	ug/l	98
23) Vinyl Acetate	6.27	43	1261196	269.86	ug/l	99
24) 1,1-Dichloroethane	6.23	63	240988	48.42	ug/l	98
25) 2-Butanone	7.18	43	192776	266.40	ug/l	96
26) 2,2-Dichloropropane	7.18	77	209367	46.90	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	138855	47.67	ug/l	99
28) Bromochloromethane	7.52	49	102462	52.93	ug/l #	93
29) Tetrahydrofuran	7.54	42	124958	271.06	ug/l	97
30) Chloroform	7.68	83	238950	46.36	ug/l	98
31) Cyclohexane	7.96	56	239468	49.87	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	221839	46.29	ug/l	100
36) 1,1-Dichloropropene	8.09	75	198816	47.87	ug/l	100
37) Ethyl Acetate	7.26	43	85552	50.65	ug/l	99
38) Carbon Tetrachloride	8.07	117	193843	44.79	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	248235	51.44	ug/l	99
40) Benzene	8.33	78	585464	48.66	ug/l	99
41) Methacrylonitrile	7.49	41	53111	52.12	ug/l	96
42) 1,2-Dichloroethane	8.41	62	164198	43.60	ug/l	98
43) Isopropyl Acetate	8.43	43	171570	52.05	ug/l	98
44) Trichloroethene	9.10	130	144846	46.78	ug/l	98
45) 1,2-Dichloropropane	9.38	63	148005	51.49	ug/l	99
46) Dibromomethane	9.46	93	66661	47.14	ug/l	98
47) Bromodichloromethane	9.65	83	182696	47.69	ug/l	99
48) Methyl methacrylate	9.45	41	88899	54.04	ug/l	97
49) 1,4-Dioxane	9.48	88	24789	1051.84	ug/l #	98
51) 4-Methyl-2-Pentanone	10.21	43	460087	271.15	ug/l	100
52) Toluene	10.40	92	403646	49.54	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	191357	49.91	ug/l	95
54) cis-1,3-Dichloropropene	10.08	75	219168	50.49	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	100559	47.85	ug/l	98
56) Ethyl methacrylate	10.65	69	144103	54.17	ug/l	98
57) 1,3-Dichloropropane	10.94	76	180535	49.77	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	335339	278.73	ug/l	97
59) 2-Hexanone	10.98	43	325868	281.94	ug/l	99
60) Dibromochloromethane	11.13	129	119048	47.08	ug/l	100
61) 1,2-Dibromoethane	11.24	107	91612	48.61	ug/l	100
64) Tetrachloroethene	10.87	164	149149	48.10	ug/l	97
65) Chlorobenzene	11.66	112	435613	48.92	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	135696	47.68	ug/l	99
67) Ethyl Benzene	11.74	91	800154	51.09	ug/l	99
68) m/p-Xylenes	11.85	106	608255	100.92	ug/l	99
69) o-Xylene	12.17	106	288093	51.33	ug/l	100
70) Styrene	12.19	104	480211	51.84	ug/l	99
71) Bromoform	12.35	173	72116	47.89	ug/l #	99
73) Isopropylbenzene	12.47	105	792086	51.57	ug/l	100
74) N-amyl acetate	12.28	43	184452	56.99	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	119172	53.19	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	85089m	47.25	ug/l	
77) Bromobenzene	12.76	156	177124	48.78	ug/l	95
78) n-propylbenzene	12.81	91	969514	52.30	ug/l	100
79) 2-Chlorotoluene	12.90	91	557305	50.96	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	686021	51.19	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	36349	52.36	ug/l	99
82) 4-Chlorotoluene	12.99	91	581156	50.34	ug/l	100
83) tert-Butylbenzene	13.21	119	576796	51.82	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	697021	51.23	ug/l	100
85) sec-Butylbenzene	13.39	105	832244	51.74	ug/l	100
86) p-Isopropyltoluene	13.51	119	743934	51.72	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	361977	49.15	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	357102	49.24	ug/l	100
89) n-Butylbenzene	13.83	91	710002	53.01	ug/l	99
90) Hexachloroethane	14.10	117	122882	49.86	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	323509	50.26	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21324	49.55	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	225270	52.46	ug/l	99
94) Hexachlorobutadiene	15.24	225	139207	49.64	ug/l	99
95) Naphthalene	15.38	128	389609	54.45	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	194589	51.92	ug/l	99

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

