

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW070718\
 Data File : VW003751.D
 Acq On : 07 Jul 2018 00:32
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
 APPROVED

apatel
 7/9/2018 10:26:08 AM

Quant Time: Jul 07 04:11:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 03:50:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	225166	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354917	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	335996	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	175490	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	196580	72.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	144.14%	
35) Dibromofluoromethane	7.88	113	172756	73.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	147.82%	
50) Toluene-d8	10.33	98	685098	74.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	149.72%	
62) 4-Bromofluorobenzene	12.62	95	247468	75.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	78452	72.53	ug/l	97
3) Chloromethane	2.21	50	129468	71.44	ug/l	95
4) Vinyl Chloride	2.36	62	177185	71.82	ug/l	99
5) Bromomethane	2.78	94	119870	73.02	ug/l	98
6) Chloroethane	2.92	64	113222	76.39	ug/l	100
7) Trichlorofluoromethane	3.25	101	76297	60.36	ug/l	98
8) Diethyl Ether	3.67	74	67582	57.33	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.05	101	149610	68.79	ug/l	99
10) Methyl Iodide	4.26	142	229092	71.85	ug/l	100
11) Tert butyl alcohol	5.23	59	54417	324.66	ug/l	99
12) 1,1-Dichloroethene	4.03	96	150346	69.59	ug/l	95
13) Acrolein	3.89	56	68679	630.73	ug/l	99
14) Allyl chloride	4.65	41	268141	72.49	ug/l	100
15) Acrylonitrile	5.38	53	195453	342.98	ug/l	98
16) Acetone	4.14	43	176775	279.18	ug/l	100
17) Carbon Disulfide	4.37	76	473796	73.02	ug/l	99
18) Methyl Acetate	4.67	43	95557	60.78	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	311586	72.70	ug/l	99
20) Methylene Chloride	4.91	84	170645	58.20	ug/l	97
21) trans-1,2-Dichloroethene	5.41	96	170514	71.64	ug/l	99
22) Diisopropyl ether	6.31	45	571873	74.51	ug/l	98
23) Vinyl Acetate	6.26	43	1772938	379.06	ug/l	100
24) 1,1-Dichloroethane	6.21	63	325048	71.27	ug/l	99
25) 2-Butanone	7.18	43	272683	328.47	ug/l	98
26) 2,2-Dichloropropane	7.17	77	171797	62.55	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	187212	71.99	ug/l	99
28) Bromochloromethane	7.51	49	141878	71.20	ug/l	100
29) Tetrahydrofuran	7.54	42	178190	354.04	ug/l	100
30) Chloroform	7.68	83	329133	71.25	ug/l	100
31) Cyclohexane	7.95	56	281934	68.34	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	252899	70.57	ug/l	99
36) 1,1-Dichloropropene	8.08	75	261309	72.71	ug/l	100
37) Ethyl Acetate	7.26	43	123349	69.92	ug/l	100
38) Carbon Tetrachloride	8.07	117	243843	71.37	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.34	83	298733	72.61	ug/l	100
40) Benzene	8.32	78	737186	72.74	ug/l	98
41) Methacrylonitrile	7.49	41	78746	78.24	ug/l	93
42) 1,2-Dichloroethane	8.40	62	231092	71.94	ug/l	100
43) Isopropyl Acetate	8.43	43	239205	71.69	ug/l	99
44) Trichloroethene	9.09	130	184263	70.46	ug/l	100
45) 1,2-Dichloropropane	9.37	63	191951	72.84	ug/l	100
46) Dibromomethane	9.46	93	99257	72.19	ug/l	99
47) Bromodichloromethane	9.65	83	248445	73.41	ug/l	100
48) Methyl methacrylate	9.44	41	116191	73.24	ug/l	98
49) 1,4-Dioxane	9.48	88	31811	1485.08	ug/l #	100
51) 4-Methyl-2-Pentanone	10.21	43	636993	361.17	ug/l	99
52) Toluene	10.39	92	468239	74.15	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	256094	73.15	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	290697	73.45	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	136617	70.67	ug/l	97
56) Ethyl methacrylate	10.65	69	189231	77.72	ug/l	96
57) 1,3-Dichloropropane	10.94	76	243512	72.39	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	466346	431.12	ug/l	99
59) 2-Hexanone	10.98	43	445951	355.26	ug/l	100
60) Dibromochloromethane	11.13	129	165651	73.14	ug/l	100
61) 1,2-Dibromoethane	11.24	107	132763	71.48	ug/l	100
64) Tetrachloroethene	10.87	164	173171	74.88	ug/l	97
65) Chlorobenzene	11.66	112	508813	71.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	180769	72.66	ug/l	99
67) Ethyl Benzene	11.74	91	918826	73.83	ug/l	99
68) m/p-Xylenes	11.85	106	700515	147.71	ug/l	99
69) o-Xylene	12.17	106	329154	74.94	ug/l	99
70) Styrene	12.19	104	562668	76.22	ug/l	99
71) Bromoform	12.35	173	100915	72.41	ug/l #	100
73) Isopropylbenzene	12.47	105	898104	75.08	ug/l	100
74) N-amyl acetate	12.28	43	239856	75.11	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	166406	70.29	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	114832m	72.31	ug/l	
77) Bromobenzene	12.76	156	210066	73.09	ug/l	98
78) n-propylbenzene	12.81	91	1107035	74.86	ug/l	100
79) 2-Chlorotoluene	12.90	91	629554	74.85	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	762765	75.20	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	51948	69.62	ug/l	97
82) 4-Chlorotoluene	12.99	91	655919	73.13	ug/l	99
83) tert-Butylbenzene	13.21	119	638933	74.81	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	787860	75.47	ug/l	99
85) sec-Butylbenzene	13.39	105	948617	74.78	ug/l	100
86) p-Isopropyltoluene	13.51	119	836322	75.27	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	421614	72.12	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	416641	71.29	ug/l	100
89) n-Butylbenzene	13.84	91	817138	74.55	ug/l	100
90) Hexachloroethane	14.10	117	152631	73.85	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	379007	72.38	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	29009	70.12	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	260703	70.83	ug/l	99
94) Hexachlorobutadiene	15.25	225	144722	68.54	ug/l	99
95) Naphthalene	15.38	128	492389	73.21	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	228543	69.42	ug/l	99

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

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