

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW082918\
 Data File : VW004997.D
 Acq On : 29 Aug 2018 12:11
 Operator : SY/AP
 Sample : VSTDIC005
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC005

Manual Integrations
 APPROVED

apatel
 8/30/2018 12:41:37 PM

Quant Time: Aug 30 01:33:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082918S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 30 01:20:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	514341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	711760	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	757860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	426218	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	19497	5.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	11.08%	
35) Dibromofluoromethane	7.90	113	18515	5.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	10.50%	
50) Toluene-d8	10.33	98	94648	4.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.78%	
62) 4-Bromofluorobenzene	12.62	95	34731	4.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	9.84%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	2.01	85	23192	5.219	ug/l	98
3) Chloromethane	2.22	50	33620	5.328	ug/l	98
4) Vinyl Chloride	2.36	62	33290	5.285	ug/l	100
5) Bromomethane	2.78	94	25031	6.079	ug/l	93
6) Chloroethane	2.92	64	20332	5.458	ug/l	96
7) Trichlorofluoromethane	3.26	101	33960	5.214	ug/l	93
8) Diethyl Ether	3.70	74	9412	5.082	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.06	101	22501	5.597	ug/l	96
10) Methyl Iodide	4.28	142	19904	3.620	ug/l	100
11) Tert butyl alcohol	5.23	59	8049m	38.327	ug/l	
12) 1,1-Dichloroethene	4.04	96	19856	5.287	ug/l	91
13) Acrolein	3.92	56	7092	23.639	ug/l	100
14) Allyl chloride	4.68	41	28643	4.953	ug/l	97
15) Acrylonitrile	5.39	53	21779	23.061	ug/l	98
16) Acetone	4.15	43	21642	27.277	ug/l	98
17) Carbon Disulfide	4.39	76	79307	5.024	ug/l	100
18) Methyl Acetate	4.69	43	10947	5.696	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	36686	4.545	ug/l	98
20) Methylene Chloride	4.92	84	49271	7.370	ug/l	94
21) trans-1,2-Dichloroethene	5.44	96	20942	5.135	ug/l	95
22) Diisopropyl ether	6.32	45	50532	4.280	ug/l	94
23) Vinyl Acetate	6.27	43	127010	21.042	ug/l	100
24) 1,1-Dichloroethane	6.23	63	38626	5.407	ug/l	94
25) 2-Butanone	7.19	43	30378	24.552	ug/l	99
26) 2,2-Dichloropropane	7.18	77	35562	5.672	ug/l	92
27) cis-1,2-Dichloroethene	7.18	96	23376	5.269	ug/l	99
28) Bromochloromethane	7.53	49	15898	5.061	ug/l	93
29) Tetrahydrofuran	7.54	42	14230	22.767	ug/l	97
30) Chloroform	7.68	83	38068	5.418	ug/l	95
31) Cyclohexane	7.96	56	39698	5.244	ug/l #	64
32) 1,1,1-Trichloroethane	7.88	97	33183	5.133	ug/l	98
36) 1,1-Dichloropropene	8.09	75	28513	4.728	ug/l	99
37) Ethyl Acetate	7.27	43	9289	4.273	ug/l #	92
38) Carbon Tetrachloride	8.07	117	30502	5.226	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	37454	4.505	ug/l	98
40) Benzene	8.33	78	93925	4.866	ug/l	99
41) Methacrylonitrile	7.50	41	5391	4.256	ug/l	93
42) 1,2-Dichloroethane	8.41	62	23175	5.395	ug/l	99
43) Isopropyl Acetate	8.43	43	20417	4.720	ug/l	95
44) Trichloroethene	9.10	130	24230	4.914	ug/l	100
45) 1,2-Dichloropropane	9.38	63	21279	4.818	ug/l	99
46) Dibromomethane	9.47	93	11079	5.300	ug/l	98
47) Bromodichloromethane	9.65	83	26354	5.102	ug/l	98
48) Methyl methacrylate	9.45	41	9303	4.051	ug/l #	84
49) 1,4-Dioxane	9.48	88	4069	93.798	ug/l #	90
51) 4-Methyl-2-Pentanone	10.22	43	71874	22.186	ug/l	98
52) Toluene	10.40	92	69510	4.853	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	25360	4.597	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	28649	4.454	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	18525	5.414	ug/l	94
56) Ethyl methacrylate	10.65	69	18370	4.093	ug/l	99
57) 1,3-Dichloropropane	10.94	76	26855	4.770	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	38281	19.798	ug/l	98
59) 2-Hexanone	10.98	43	51546	21.976	ug/l	94
60) Dibromochloromethane	11.13	129	17532	4.669	ug/l	97
61) 1,2-Dibromoethane	11.24	107	14961	4.664	ug/l	97
64) Tetrachloroethene	10.87	164	27915	5.052	ug/l	96
65) Chlorobenzene	11.66	112	83716	5.028	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	21212	4.638	ug/l	96
67) Ethyl Benzene	11.74	91	132306	4.641	ug/l	99
68) m/p-Xylenes	11.85	106	105718	9.091	ug/l	99
69) o-Xylene	12.17	106	47141	4.437	ug/l	98
70) Styrene	12.19	104	75834	4.302	ug/l	99
71) Bromoform	12.35	173	11731	4.613	ug/l #	97
73) Isopropylbenzene	12.47	105	124204	4.371	ug/l	99
74) N-amyl acetate	12.28	43	22516	4.199	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.72	83	20618	4.793	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	14278m	2.684	ug/l	
77) Bromobenzene	12.76	156	34095	4.891	ug/l	99
78) n-propylbenzene	12.81	91	157066	4.482	ug/l	100
79) 2-Chlorotoluene	12.90	91	95108	4.699	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	108668	4.329	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	5742	4.299	ug/l	92
82) 4-Chlorotoluene	12.99	91	100890	4.678	ug/l	100
83) tert-Butylbenzene	13.21	119	93108	4.416	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	110982	4.357	ug/l	98
85) sec-Butylbenzene	13.39	105	139148	4.496	ug/l	99
86) p-Isopropyltoluene	13.51	119	119565	4.312	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	74915	5.069	ug/l	100
88) 1,4-Dichlorobenzene	13.59	146	75368	5.149	ug/l	94
89) n-Butylbenzene	13.83	91	116702	4.483	ug/l	97
90) Hexachloroethane	14.10	117	20855	4.785	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	65029	4.999	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3518	4.735	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	41687	4.574	ug/l	98
94) Hexachlorobutadiene	15.25	225	28860	5.059	ug/l	99
95) Naphthalene	15.38	128	59221	3.961	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	37370	4.641	ug/l	97

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

