

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW071018\
 Data File : VW003820.D
 Acq On : 10 Jul 2018 13:04
 Operator : SY/AP
 Sample : VW0710SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0710SBS01

Manual Integrations
 APPROVED

apatel
 7/11/2018 12:18:46 PM

Quant Time: Jul 10 13:56:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W070718S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 07 05:07:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	211129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324232	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	305771	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	168058	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	129078	46.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.50%	
35) Dibromofluoromethane	7.88	113	111995	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
50) Toluene-d8	10.33	98	448780	51.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.40%	
62) 4-Bromofluorobenzene	12.62	95	160452	51.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.18%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	22139	21.56	ug/l	99
3) Chloromethane	2.21	50	40731	20.89	ug/l	95
4) Vinyl Chloride	2.36	62	58256	22.66	ug/l	95
5) Bromomethane	2.77	94	40744	22.45	ug/l	99
6) Chloroethane	2.92	64	31952	20.72	ug/l	99
7) Trichlorofluoromethane	3.25	101	25209	24.27	ug/l	100
8) Diethyl Ether	3.67	74	18871	17.73	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.05	101	48370	23.95	ug/l	99
10) Methyl Iodide	4.26	142	68373	22.74	ug/l	98
11) Tert butyl alcohol	5.21	59	13445	89.86	ug/l	98
12) 1,1-Dichloroethene	4.03	96	47130	23.76	ug/l	97
13) Acrolein	3.89	56	19594	87.55	ug/l	99
14) Allyl chloride	4.65	41	78085	22.65	ug/l	99
15) Acrylonitrile	5.37	53	53623	100.60	ug/l	100
16) Acetone	4.14	43	56270	117.47	ug/l	100
17) Carbon Disulfide	4.37	76	149788	23.04	ug/l	100
18) Methyl Acetate	4.67	43	25683	19.02	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	80161	19.56	ug/l	96
20) Methylene Chloride	4.91	84	56509	21.73	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	50852	21.66	ug/l	95
22) Diisopropyl ether	6.31	45	159157	20.99	ug/l	97
23) Vinyl Acetate	6.26	43	460493	99.51	ug/l	100
24) 1,1-Dichloroethane	6.21	63	95373	20.80	ug/l	98
25) 2-Butanone	7.18	43	71243	94.96	ug/l	99
26) 2,2-Dichloropropane	7.17	77	58076	23.35	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	52953	20.39	ug/l	99
28) Bromochloromethane	7.51	49	40328	19.74	ug/l	100
29) Tetrahydrofuran	7.54	42	46185	95.76	ug/l	97
30) Chloroform	7.67	83	97909	20.93	ug/l	99
31) Cyclohexane	7.95	56	87899	21.82	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	77185	21.68	ug/l	99
36) 1,1-Dichloropropene	8.08	75	78757	22.89	ug/l	99
37) Ethyl Acetate	7.26	43	31423	18.77	ug/l	100
38) Carbon Tetrachloride	8.07	117	74841	22.88	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	87484	23.22	ug/l	99
40) Benzene	8.32	78	215216	21.88	ug/l	100
41) Methacrylonitrile	7.49	41	21297	22.12	ug/l	88
42) 1,2-Dichloroethane	8.40	62	66477	20.88	ug/l	99
43) Isopropyl Acetate	8.43	43	61296	19.32	ug/l	99
44) Trichloroethene	9.09	130	55577	22.41	ug/l	99
45) 1,2-Dichloropropane	9.37	63	54847	21.45	ug/l	99
46) Dibromomethane	9.46	93	27213	20.24	ug/l	99
47) Bromodichloromethane	9.65	83	70032	21.17	ug/l	99
48) Methyl methacrylate	9.44	41	29077	19.24	ug/l	96
49) 1,4-Dioxane	9.47	88	8103	403.20	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	160031	97.48	ug/l	99
52) Toluene	10.39	92	138135	22.65	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	69939	21.17	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	78984	21.18	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	38463	20.60	ug/l	98
56) Ethyl methacrylate	10.65	69	44631	19.58	ug/l	98
57) 1,3-Dichloropropane	10.93	76	66925	20.56	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	94883	88.08	ug/l	100
59) 2-Hexanone	10.98	43	114960	101.97	ug/l	97
60) Dibromochloromethane	11.13	129	45544	20.89	ug/l	100
61) 1,2-Dibromoethane	11.24	107	36838	20.63	ug/l	98
64) Tetrachloroethene	10.87	164	48205	21.31	ug/l	98
65) Chlorobenzene	11.66	112	147893	21.94	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	50912	21.61	ug/l	99
67) Ethyl Benzene	11.74	91	259701	22.53	ug/l	99
68) m/p-Xylenes	11.85	106	201540	45.66	ug/l	100
69) o-Xylene	12.17	106	90591	22.24	ug/l	99
70) Styrene	12.19	104	154755	22.35	ug/l	99
71) Bromoform	12.35	173	26984	20.76	ug/l #	100
73) Isopropylbenzene	12.47	105	256133	22.50	ug/l	99
74) N-amyl acetate	12.28	43	59408	19.26	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	46338	20.08	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	38028m	23.04	ug/l	
77) Bromobenzene	12.75	156	60558	21.43	ug/l	97
78) n-propylbenzene	12.81	91	325731	22.80	ug/l	100
79) 2-Chlorotoluene	12.90	91	182599	22.25	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	224829	22.92	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	14008	20.76	ug/l	96
82) 4-Chlorotoluene	12.99	91	195784	22.18	ug/l	99
83) tert-Butylbenzene	13.21	119	183646	22.70	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	230973	22.67	ug/l	99
85) sec-Butylbenzene	13.39	105	278519	23.01	ug/l	100
86) p-Isopropyltoluene	13.51	119	245096	23.18	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	127396	22.25	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	125092	21.73	ug/l	98
89) n-Butylbenzene	13.83	91	242892	23.35	ug/l	99
90) Hexachloroethane	14.10	117	44688	21.94	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	112483	21.83	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7519	18.83	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	75579	21.67	ug/l	99
94) Hexachlorobutadiene	15.25	225	45168	22.64	ug/l	99
95) Naphthalene	15.38	128	123193	19.76	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	65883	21.10	ug/l	99

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

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