

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091718\
 Data File : VW005425.D
 Acq On : 17 Sep 2018 11:40
 Operator : SY/AP
 Sample : VW0917SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0917SBS01

Manual Integrations
 APPROVED

apatel
 9/18/2018 12:51:50 PM

Quant Time: Sep 18 02:30:51 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	298564	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	432891	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	410967	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	215144	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136149	43.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.86%	
35) Dibromofluoromethane	7.89	113	114521	47.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.36%	
50) Toluene-d8	10.33	98	547655	49.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.54%	
62) 4-Bromofluorobenzene	12.62	95	201393	49.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	62786	22.38	ug/l	99
3) Chloromethane	2.21	50	74446	21.12	ug/l	97
4) Vinyl Chloride	2.36	62	69600	21.08	ug/l	96
5) Bromomethane	2.78	94	42238	17.37	ug/l	98
6) Chloroethane	2.92	64	37304	19.07	ug/l	99
7) Trichlorofluoromethane	3.26	101	84486	19.32	ug/l	99
8) Diethyl Ether	3.70	74	25138	19.34	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	53047	20.80	ug/l	97
10) Methyl Iodide	4.28	142	52889	19.03	ug/l	99
11) Tert butyl alcohol	5.24	59	15596	69.49	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	46066	19.94	ug/l	99
13) Acrolein	3.91	56	14854	108.70	ug/l	98
14) Allyl chloride	4.68	41	88193	20.52	ug/l	96
15) Acrylonitrile	5.39	53	52724	88.68	ug/l	99
16) Acetone	4.15	43	39455	75.99	ug/l	97
17) Carbon Disulfide	4.39	76	155546	19.12	ug/l	99
18) Methyl Acetate	4.69	43	24594	16.51	ug/l	98
19) Methyl tert-butyl Ether	5.44	73	118974	18.97	ug/l	98
20) Methylene Chloride	4.92	84	66891	18.09	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	54313	19.69	ug/l	98
22) Diisopropyl ether	6.32	45	170273	20.15	ug/l	98
23) Vinyl Acetate	6.27	43	473239	98.29	ug/l	100
24) 1,1-Dichloroethane	6.22	63	99423	19.39	ug/l	97
25) 2-Butanone	7.19	43	68345	91.68	ug/l	97
26) 2,2-Dichloropropane	7.18	77	96063	20.89	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	58131	19.37	ug/l	98
28) Bromochloromethane	7.52	49	37626	18.87	ug/l	96
29) Tetrahydrofuran	7.54	42	43563	91.73	ug/l	98
30) Chloroform	7.68	83	99437	18.73	ug/l	100
31) Cyclohexane	7.96	56	106319	21.49	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	96411	19.53	ug/l	100
36) 1,1-Dichloropropene	8.09	75	84661	20.67	ug/l	98
37) Ethyl Acetate	7.26	43	31837	19.11	ug/l	99
38) Carbon Tetrachloride	8.07	117	85744	20.09	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	101576	21.34	ug/l	97
40) Benzene	8.33	78	234924	19.80	ug/l	99
41) Methacrylonitrile	7.49	41	20599	20.49	ug/l	94
42) 1,2-Dichloroethane	8.41	62	67139	18.07	ug/l	97
43) Isopropyl Acetate	8.43	43	58353	17.95	ug/l	95
44) Trichloroethene	9.10	130	61243	20.05	ug/l	100
45) 1,2-Dichloropropane	9.38	63	56846	20.05	ug/l	98
46) Dibromomethane	9.46	93	27350	19.61	ug/l	98
47) Bromodichloromethane	9.65	83	74716	19.77	ug/l	99
48) Methyl methacrylate	9.45	41	33001	20.34	ug/l	91
49) 1,4-Dioxane	9.49	88	8486	365.03	ug/l #	94
51) 4-Methyl-2-Pentanone	10.22	43	154892	92.54	ug/l	100
52) Toluene	10.40	92	164684	20.49	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	73222	19.36	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	86530	20.21	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38841	18.74	ug/l	98
56) Ethyl methacrylate	10.65	69	50529	19.26	ug/l	95
57) 1,3-Dichloropropane	10.94	76	67413	18.84	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	117949	99.39	ug/l	99
59) 2-Hexanone	10.98	43	113939	99.94	ug/l	99
60) Dibromochloromethane	11.13	129	45918	18.41	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34854	18.75	ug/l	100
64) Tetrachloroethene	10.87	164	60556	19.94	ug/l	96
65) Chlorobenzene	11.66	112	176939	20.29	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	54396	19.51	ug/l	98
67) Ethyl Benzene	11.74	91	317863	20.72	ug/l	100
68) m/p-Xylenes	11.85	106	248014	42.01	ug/l	98
69) o-Xylene	12.17	106	113869	20.71	ug/l	99
70) Styrene	12.19	104	184918	20.38	ug/l	100
71) Bromoform	12.35	173	27131	18.40	ug/l #	99
73) Isopropylbenzene	12.47	105	319860	21.19	ug/l	100
74) N-amyl acetate	12.28	43	61612	19.37	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	41692	18.93	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29913m	16.90	ug/l	
77) Bromobenzene	12.76	156	70403	19.73	ug/l	99
78) n-propylbenzene	12.81	91	386811	21.23	ug/l	99
79) 2-Chlorotoluene	12.90	91	223576	20.80	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	274028	20.81	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	13213	19.37	ug/l	99
82) 4-Chlorotoluene	12.99	91	235433	20.75	ug/l	99
83) tert-Butylbenzene	13.21	119	227131	20.76	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	278407	20.82	ug/l	100
85) sec-Butylbenzene	13.39	105	334682	21.17	ug/l	99
86) p-Isopropyltoluene	13.51	119	296739	20.99	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	144928	20.03	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	144589	20.29	ug/l	99
89) n-Butylbenzene	13.83	91	282961	21.50	ug/l	99
90) Hexachloroethane	14.10	117	46419	19.17	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	125348	19.82	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7563	17.88	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	84652	20.06	ug/l	99
94) Hexachlorobutadiene	15.25	225	57269	20.78	ug/l	99
95) Naphthalene	15.38	128	134294	19.10	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	73651	20.00	ug/l	98

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

