

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005334.D
 Acq On : 12 Sep 2018 18:57
 Operator : SY/AP
 Sample : VW0912SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Manual Integrations
 APPROVED

apatel
 9/13/2018 2:18:05 PM

Quant Time: Sep 13 11:15:17 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 11 03:48:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	399510	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	559680	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	565845	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	326731	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	165355	55.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.98%	
35) Dibromofluoromethane	7.89	113	164234	56.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.04%	
50) Toluene-d8	10.33	98	762859	51.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.98%	
62) 4-Bromofluorobenzene	12.62	95	288804	53.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	79443	23.05	ug/l	98
3) Chloromethane	2.21	50	103077	22.37	ug/l	96
4) Vinyl Chloride	2.36	62	90522	21.40	ug/l	94
5) Bromomethane	2.74	94	74361	27.65	ug/l	99
6) Chloroethane	2.90	64	50915	21.85	ug/l	99
7) Trichlorofluoromethane	3.25	101	104524	21.84	ug/l	97
8) Diethyl Ether	3.68	74	38607	22.64	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	71784	21.00	ug/l	99
10) Methyl Iodide	4.27	142	35242	11.07	ug/l	99
11) Tert butyl alcohol	5.17	59	32477	132.90	ug/l	97
12) 1,1-Dichloroethene	4.04	96	66288	21.06	ug/l	97
13) Acrolein	3.89	56	25165	106.61	ug/l	100
14) Allyl chloride	4.67	41	96096	19.87	ug/l	99
15) Acrylonitrile	5.37	53	94832	123.26	ug/l	98
16) Acetone	4.12	43	69329	125.35	ug/l	96
17) Carbon Disulfide	4.37	76	239519	21.68	ug/l	99
18) Methyl Acetate	4.68	43	38538	23.34	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	174067	23.22	ug/l	98
20) Methylene Chloride	4.92	84	101401	22.88	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	77061	20.97	ug/l	98
22) Diisopropyl ether	6.32	45	215409	22.13	ug/l	95
23) Vinyl Acetate	6.26	43	614138	113.20	ug/l	97
24) 1,1-Dichloroethane	6.22	63	130873	21.84	ug/l	99
25) 2-Butanone	7.18	43	110179	126.29	ug/l	98
26) 2,2-Dichloropropane	7.17	77	101490	19.53	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	85498	21.74	ug/l	98
28) Bromochloromethane	7.52	49	48349	21.87	ug/l	96
29) Tetrahydrofuran	7.54	42	71146	121.01	ug/l	98
30) Chloroform	7.68	83	132164	21.98	ug/l	99
31) Cyclohexane	7.96	56	127078	19.93	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	112540	20.71	ug/l	99
36) 1,1-Dichloropropene	8.09	75	109403	21.34	ug/l	99
37) Ethyl Acetate	7.26	43	47680	24.45	ug/l	98
38) Carbon Tetrachloride	8.07	117	101865	21.21	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	133110	19.55	ug/l	98
40) Benzene	8.33	78	331622	21.95	ug/l	100
41) Methacrylonitrile	7.49	41	26215	26.20	ug/l	96
42) 1,2-Dichloroethane	8.40	62	84121	23.28	ug/l	100
43) Isopropyl Acetate	8.43	43	88099	24.32	ug/l	99
44) Trichloroethene	9.10	130	91060	21.97	ug/l	98
45) 1,2-Dichloropropane	9.37	63	81785	22.52	ug/l	98
46) Dibromomethane	9.46	93	40851	22.98	ug/l	98
47) Bromodichloromethane	9.65	83	95962	22.07	ug/l	97
48) Methyl methacrylate	9.45	41	41661	22.15	ug/l #	89
49) 1,4-Dioxane	9.45	88	16028	483.01	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	247312	121.34	ug/l	100
52) Toluene	10.39	92	234452	21.35	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	102312	21.77	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	121779	21.64	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	65186	23.00	ug/l	98
56) Ethyl methacrylate	10.65	69	80776	22.48	ug/l	97
57) 1,3-Dichloropropane	10.94	76	107906	22.93	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	177781	113.85	ug/l	100
59) 2-Hexanone	10.98	43	176199	119.92	ug/l	100
60) Dibromochloromethane	11.13	129	73297	23.31	ug/l	98
61) 1,2-Dibromoethane	11.24	107	60672	23.35	ug/l	100
64) Tetrachloroethene	10.87	164	90828	21.64	ug/l	98
65) Chlorobenzene	11.66	112	264733	21.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	79750	21.55	ug/l	100
67) Ethyl Benzene	11.74	91	443058	20.52	ug/l	100
68) m/p-Xylenes	11.85	106	367101	42.20	ug/l	98
69) o-Xylene	12.17	106	169637	20.96	ug/l	99
70) Styrene	12.19	104	288980	21.88	ug/l	99
71) Bromoform	12.35	173	46905	23.37	ug/l #	97
73) Isopropylbenzene	12.47	105	451583	19.56	ug/l	99
74) N-amyl acetate	12.28	43	94567	21.53	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	77648	22.38	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	52089m	20.73	ug/l	
77) Bromobenzene	12.75	156	116367	21.40	ug/l	98
78) n-propylbenzene	12.81	91	557857	20.12	ug/l	99
79) 2-Chlorotoluene	12.90	91	321147	20.20	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	397478	20.22	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	21645	20.20	ug/l	96
82) 4-Chlorotoluene	12.99	91	343907	20.58	ug/l	100
83) tert-Butylbenzene	13.21	119	333977	19.43	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	406358	20.57	ug/l	99
85) sec-Butylbenzene	13.39	105	491006	19.87	ug/l	99
86) p-Isopropyltoluene	13.51	119	439194	20.08	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	235143	20.59	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	235150	20.96	ug/l	100
89) n-Butylbenzene	13.83	91	393296	19.13	ug/l	99
90) Hexachloroethane	14.10	117	68737	19.61	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	216152	21.53	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13070	22.65	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	142021	20.00	ug/l	99
94) Hexachlorobutadiene	15.24	225	90646	19.94	ug/l	99
95) Naphthalene	15.38	128	244234	21.22	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	128668	21.06	ug/l	99

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

