

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005295.D
 Acq On : 12 Sep 2018 01:41
 Operator : SY/AP
 Sample : VW0911SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Manual Integrations
 APPROVED

apatel
 9/12/2018 2:20:45 PM

Quant Time: Sep 12 02:02:01 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	499689	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	737848	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	730826	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	388105	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	226723	60.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	121.66%	
35) Dibromofluoromethane	7.89	113	224455	58.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.14%	
50) Toluene-d8	10.33	98	1065574	54.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.12%	
62) 4-Bromofluorobenzene	12.62	95	391428	54.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	94963	22.03	ug/l	99
3) Chloromethane	2.21	50	134193	23.29	ug/l	99
4) Vinyl Chloride	2.35	62	118931	22.48	ug/l	97
5) Bromomethane	2.73	94	82179	24.06	ug/l	99
6) Chloroethane	2.90	64	66173	22.71	ug/l	100
7) Trichlorofluoromethane	3.25	101	128702	21.50	ug/l	98
8) Diethyl Ether	3.68	74	49818	23.36	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	88157	20.62	ug/l	98
10) Methyl Iodide	4.27	142	80971	17.55	ug/l	99
11) Tert butyl alcohol	5.16	59	45699	149.52	ug/l	96
12) 1,1-Dichloroethene	4.03	96	83641	21.25	ug/l	91
13) Acrolein	3.89	56	32787	111.05	ug/l	100
14) Allyl chloride	4.67	41	133538	22.08	ug/l	98
15) Acrylonitrile	5.37	53	116546	121.12	ug/l	99
16) Acetone	4.12	43	83571	120.80	ug/l	98
17) Carbon Disulfide	4.37	76	307914	22.29	ug/l	99
18) Methyl Acetate	4.67	43	54230	26.26	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	224610	23.96	ug/l	98
20) Methylene Chloride	4.91	84	130136	23.57	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	101489	22.08	ug/l	98
22) Diisopropyl ether	6.32	45	293004	24.06	ug/l	97
23) Vinyl Acetate	6.26	43	789923	116.41	ug/l	99
24) 1,1-Dichloroethane	6.22	63	172927	23.07	ug/l	100
25) 2-Butanone	7.18	43	136680	125.26	ug/l	94
26) 2,2-Dichloropropane	7.17	77	123875	19.06	ug/l	99
27) cis-1,2-Dichloroethene	7.18	96	111963	22.76	ug/l	99
28) Bromochloromethane	7.52	49	64506	23.33	ug/l #	96
29) Tetrahydrofuran	7.53	42	91823	124.87	ug/l	98
30) Chloroform	7.68	83	171465	22.80	ug/l	99
31) Cyclohexane	7.96	56	171087	21.45	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	143110	21.06	ug/l	97
36) 1,1-Dichloropropene	8.09	75	143079	21.17	ug/l	99
37) Ethyl Acetate	7.26	43	63948	24.87	ug/l	99
38) Carbon Tetrachloride	8.07	117	127784	20.18	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	174359	19.43	ug/l	99
40) Benzene	8.33	78	435493	21.87	ug/l	99
41) Methacrylonitrile	7.49	41	35617	27.00	ug/l	98
42) 1,2-Dichloroethane	8.40	62	106973	22.45	ug/l	99
43) Isopropyl Acetate	8.43	43	111851	23.43	ug/l	98
44) Trichloroethene	9.10	130	115807	21.20	ug/l	99
45) 1,2-Dichloropropane	9.37	63	108606	22.69	ug/l	97
46) Dibromomethane	9.46	93	50932	21.74	ug/l	98
47) Bromodichloromethane	9.65	83	124216	21.67	ug/l	99
48) Methyl methacrylate	9.44	41	53079	21.41	ug/l	91
49) 1,4-Dioxane	9.45	88	20091	459.25	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	303855	113.08	ug/l	99
52) Toluene	10.39	92	299290	20.68	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	126236	20.38	ug/l	97
54) cis-1,3-Dichloropropene	10.08	75	156987	21.16	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	80682	21.60	ug/l	98
56) Ethyl methacrylate	10.65	69	101572	21.44	ug/l	98
57) 1,3-Dichloropropane	10.94	76	135547	21.85	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	234879	114.09	ug/l	98
59) 2-Hexanone	10.98	43	210640	108.74	ug/l	99
60) Dibromochloromethane	11.13	129	88378	21.32	ug/l	99
61) 1,2-Dibromoethane	11.24	107	73794	21.54	ug/l	100
64) Tetrachloroethene	10.87	164	121376	22.39	ug/l	99
65) Chlorobenzene	11.66	112	332223	20.75	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	99083	20.73	ug/l	99
67) Ethyl Benzene	11.74	91	569635	20.43	ug/l	99
68) m/p-Xylenes	11.85	106	461955	41.12	ug/l	100
69) o-Xylene	12.17	106	215311	20.60	ug/l	99
70) Styrene	12.19	104	356308	20.89	ug/l	100
71) Bromoform	12.35	173	54390	20.99	ug/l	# 100
73) Isopropylbenzene	12.47	105	570072	20.79	ug/l	100
74) N-amyl acetate	12.28	43	115238	22.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	93261	22.63	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	62837m	21.05	ug/l	
77) Bromobenzene	12.76	156	139463	21.59	ug/l	99
78) n-propylbenzene	12.81	91	695460	21.12	ug/l	98
79) 2-Chlorotoluene	12.90	91	403203	21.35	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	486629	20.84	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	24759	19.45	ug/l	95
82) 4-Chlorotoluene	12.99	91	421413	21.23	ug/l	99
83) tert-Butylbenzene	13.21	119	410436	20.10	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	501240	21.36	ug/l	98
85) sec-Butylbenzene	13.39	105	608637	20.74	ug/l	99
86) p-Isopropyltoluene	13.51	119	530373	20.41	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	285634	21.06	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	281329	21.12	ug/l	99
89) n-Butylbenzene	13.83	91	485401	19.87	ug/l	98
90) Hexachloroethane	14.10	117	86097	20.68	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	252324	21.16	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14999	21.89	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	164342	19.49	ug/l	99
94) Hexachlorobutadiene	15.24	225	102424	18.96	ug/l	99
95) Naphthalene	15.38	128	273363	19.99	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	143847	19.82	ug/l	100

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

