

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005320.D
 Acq On : 12 Sep 2018 12:58
 Operator : SY/AP
 Sample : VW0912SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBS01

Manual Integrations
 APPROVED

apatel
 9/13/2018 11:11:23 AM

Quant Time: Sep 12 14:39:20 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	7.95	168	489891	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	689211	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	680536	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	375541	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	193810	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
35) Dibromofluoromethane	7.89	113	197190	54.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.24%	
50) Toluene-d8	10.33	98	973466	53.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.72%	
62) 4-Bromofluorobenzene	12.62	95	355582	53.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	99306	23.50	ug/l	98
3) Chloromethane	2.21	50	132872	23.52	ug/l	97
4) Vinyl Chloride	2.35	62	122457	23.61	ug/l	100
5) Bromomethane	2.75	94	83519	25.06	ug/l	100
6) Chloroethane	2.90	64	65333	22.87	ug/l	97
7) Trichlorofluoromethane	3.25	101	130212	22.19	ug/l	98
8) Diethyl Ether	3.68	74	45084	21.56	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	90541	21.60	ug/l	99
10) Methyl Iodide	4.27	142	75464	16.85	ug/l	100
11) Tert butyl alcohol	5.17	59	33443	111.61	ug/l	96
12) 1,1-Dichloroethene	4.04	96	84284	21.84	ug/l	99
13) Acrolein	3.90	56	30620	105.79	ug/l	98
14) Allyl chloride	4.67	41	127698	21.54	ug/l	99
15) Acrylonitrile	5.37	53	102355	108.50	ug/l	99
16) Acetone	4.12	43	80025	117.99	ug/l	95
17) Carbon Disulfide	4.37	76	304605	22.49	ug/l	100
18) Methyl Acetate	4.68	43	43878	21.67	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	197124	21.45	ug/l	99
20) Methylene Chloride	4.92	84	121157	22.21	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	94781	21.04	ug/l	97
22) Diisopropyl ether	6.31	45	267936	22.45	ug/l	94
23) Vinyl Acetate	6.26	43	735815	110.61	ug/l	100
24) 1,1-Dichloroethane	6.22	63	160890	21.90	ug/l	99
25) 2-Butanone	7.18	43	123229	115.19	ug/l	95
26) 2,2-Dichloropropane	7.17	77	140603	22.07	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	103004	21.36	ug/l	97
28) Bromochloromethane	7.51	49	60215	22.21	ug/l #	97
29) Tetrahydrofuran	7.54	42	77008	106.82	ug/l	98
30) Chloroform	7.68	83	158139	21.44	ug/l	98
31) Cyclohexane	7.96	56	173177	22.15	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	141798	21.28	ug/l	99
36) 1,1-Dichloropropene	8.09	75	141013	22.33	ug/l	99
37) Ethyl Acetate	7.26	43	53023	22.08	ug/l	99
38) Carbon Tetrachloride	8.07	117	126161	21.33	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	178548	21.30	ug/l	99
40) Benzene	8.33	78	408578	21.96	ug/l	99
41) Methacrylonitrile	7.49	41	26163	21.23	ug/l #	87
42) 1,2-Dichloroethane	8.40	62	96834	21.76	ug/l	99
43) Isopropyl Acetate	8.43	43	97043	21.76	ug/l	98
44) Trichloroethene	9.10	130	111090	21.77	ug/l	98
45) 1,2-Dichloropropane	9.37	63	100298	22.43	ug/l	97
46) Dibromomethane	9.46	93	46165	21.09	ug/l	98
47) Bromodichloromethane	9.65	83	115284	21.53	ug/l	98
48) Methyl methacrylate	9.44	41	46197	19.95	ug/l	93
49) 1,4-Dioxane	9.45	88	18112	443.23	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	265468	105.77	ug/l	100
52) Toluene	10.39	92	290235	21.47	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	120774	20.87	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	147599	21.30	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	73394	21.03	ug/l	99
56) Ethyl methacrylate	10.65	69	91452	20.67	ug/l	98
57) 1,3-Dichloropropane	10.94	76	122721	21.18	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	210754	109.60	ug/l	99
59) 2-Hexanone	10.98	43	199562	110.29	ug/l	99
60) Dibromochloromethane	11.13	129	80419	20.77	ug/l	99
61) 1,2-Dibromoethane	11.24	107	67356	21.05	ug/l	100
64) Tetrachloroethene	10.87	164	105897	20.97	ug/l	99
65) Chlorobenzene	11.66	112	318767	21.38	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	92665	20.82	ug/l	99
67) Ethyl Benzene	11.74	91	553575	21.32	ug/l	100
68) m/p-Xylenes	11.84	106	451137	43.12	ug/l	99
69) o-Xylene	12.17	106	207301	21.30	ug/l	99
70) Styrene	12.19	104	340748	21.45	ug/l	99
71) Bromoform	12.35	173	49369	20.46	ug/l #	98
73) Isopropylbenzene	12.47	105	558394	21.04	ug/l	100
74) N-amyl acetate	12.28	43	105161	20.83	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	82917	20.79	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	56386m	19.52	ug/l	
77) Bromobenzene	12.76	156	130950	20.95	ug/l	98
78) n-propylbenzene	12.81	91	693648	21.77	ug/l	99
79) 2-Chlorotoluene	12.90	91	394393	21.58	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	488109	21.60	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	24276	19.71	ug/l	96
82) 4-Chlorotoluene	12.99	91	410215	21.36	ug/l	100
83) tert-Butylbenzene	13.21	119	407767	20.64	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	489423	21.56	ug/l	99
85) sec-Butylbenzene	13.39	105	605316	21.31	ug/l	99
86) p-Isopropyltoluene	13.51	119	542352	21.57	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	274991	20.95	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	276069	21.41	ug/l	99
89) n-Butylbenzene	13.83	91	501548	21.22	ug/l	98
90) Hexachloroethane	14.10	117	81140	20.14	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	246545	21.37	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14050	21.19	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	161216	19.75	ug/l	99
94) Hexachlorobutadiene	15.25	225	107479	20.57	ug/l	99
95) Naphthalene	15.38	128	253556	19.16	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	139117	19.81	ug/l	98

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

