

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005294.D
 Acq On : 12 Sep 2018 01:15
 Operator : SY/AP
 Sample : VW0911SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBS02

Manual Integrations
 APPROVED

apatel
 9/12/2018 2:20:42 PM

Quant Time: Sep 12 01:55:21 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	501926	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	751116	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	736154	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	392427	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	211926	56.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.22%	
35) Dibromofluoromethane	7.89	113	206580	52.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.00%	
50) Toluene-d8	10.33	98	981969	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	12.62	95	362631	49.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	96647	22.32	ug/l	97
3) Chloromethane	2.21	50	137057	23.68	ug/l	98
4) Vinyl Chloride	2.35	62	122894	23.13	ug/l	98
5) Bromomethane	2.73	94	88994	26.19	ug/l	99
6) Chloroethane	2.90	64	67612	23.10	ug/l	100
7) Trichlorofluoromethane	3.25	101	132652	22.07	ug/l	98
8) Diethyl Ether	3.68	74	51403	23.99	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	89826	20.92	ug/l	98
10) Methyl Iodide	4.27	142	72509	16.01	ug/l	99
11) Tert butyl alcohol	5.17	59	50724	165.22	ug/l	95
12) 1,1-Dichloroethene	4.03	96	87067	22.02	ug/l	96
13) Acrolein	3.90	56	30983	104.47	ug/l	95
14) Allyl chloride	4.67	41	138204	22.75	ug/l	98
15) Acrylonitrile	5.37	53	122592	126.83	ug/l	99
16) Acetone	4.12	43	88594	127.49	ug/l	92
17) Carbon Disulfide	4.37	76	318345	22.94	ug/l	98
18) Methyl Acetate	4.68	43	60626	29.23	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	233908	24.84	ug/l	99
20) Methylene Chloride	4.92	84	131921	23.82	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	103655	22.45	ug/l	99
22) Diisopropyl ether	6.31	45	304680	24.91	ug/l	95
23) Vinyl Acetate	6.26	43	817587	119.95	ug/l	100
24) 1,1-Dichloroethane	6.22	63	179275	23.81	ug/l	99
25) 2-Butanone	7.18	43	146320	133.49	ug/l	93
26) 2,2-Dichloropropane	7.17	77	129259	19.80	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	115590	23.40	ug/l	99
28) Bromochloromethane	7.52	49	67014	24.13	ug/l #	95
29) Tetrahydrofuran	7.53	42	95459	129.23	ug/l	99
30) Chloroform	7.68	83	177681	23.52	ug/l	99
31) Cyclohexane	7.96	56	174665	21.80	ug/l	98
32) 1,1,1-Trichloroethane	7.88	97	150049	21.98	ug/l	98
36) 1,1-Dichloropropene	8.09	75	148427	21.57	ug/l	99
37) Ethyl Acetate	7.26	43	63365	24.21	ug/l	99
38) Carbon Tetrachloride	8.07	117	131478	20.40	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	179808	19.68	ug/l	98
40) Benzene	8.33	78	452464	22.32	ug/l	100
41) Methacrylonitrile	7.49	41	35525	26.45	ug/l	98
42) 1,2-Dichloroethane	8.40	62	111998	23.09	ug/l	100
43) Isopropyl Acetate	8.43	43	117465	24.17	ug/l	98
44) Trichloroethene	9.10	130	120032	21.58	ug/l	96
45) 1,2-Dichloropropane	9.37	63	111999	22.98	ug/l	97
46) Dibromomethane	9.46	93	53055	22.24	ug/l	98
47) Bromodichloromethane	9.65	83	127831	21.91	ug/l	97
48) Methyl methacrylate	9.44	41	55054	21.81	ug/l	93
49) 1,4-Dioxane	9.45	88	20789	466.81	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	319541	116.82	ug/l	99
52) Toluene	10.39	92	308019	20.90	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	134147	21.27	ug/l	96
54) cis-1,3-Dichloropropene	10.08	75	159852	21.17	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	85210	22.40	ug/l	96
56) Ethyl methacrylate	10.65	69	105073	21.79	ug/l	99
57) 1,3-Dichloropropane	10.94	76	142155	22.51	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	242936	115.92	ug/l	98
59) 2-Hexanone	10.98	43	217821	110.46	ug/l	99
60) Dibromochloromethane	11.13	129	92372	21.89	ug/l	100
61) 1,2-Dibromoethane	11.24	107	77489	22.22	ug/l	100
64) Tetrachloroethene	10.87	164	124416	22.78	ug/l	99
65) Chlorobenzene	11.66	112	341539	21.18	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	102446	21.28	ug/l	99
67) Ethyl Benzene	11.74	91	581296	20.70	ug/l	100
68) m/p-Xylenes	11.85	106	470800	41.60	ug/l	99
69) o-Xylene	12.17	106	218868	20.79	ug/l	99
70) Styrene	12.19	104	363547	21.16	ug/l	99
71) Bromoform	12.35	173	57033	21.85	ug/l	# 100
73) Isopropylbenzene	12.47	105	581118	20.96	ug/l	100
74) N-amyl acetate	12.28	43	116822	22.14	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	96460	23.15	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	66122m	21.91	ug/l	
77) Bromobenzene	12.76	156	143240	21.93	ug/l	97
78) n-propylbenzene	12.81	91	702064	21.08	ug/l	99
79) 2-Chlorotoluene	12.90	91	409964	21.47	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	504819	21.38	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	26210	20.36	ug/l	95
82) 4-Chlorotoluene	12.99	91	431771	21.51	ug/l	100
83) tert-Butylbenzene	13.21	119	419224	20.30	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	509114	21.46	ug/l	100
85) sec-Butylbenzene	13.39	105	615901	20.75	ug/l	100
86) p-Isopropyltoluene	13.51	119	538301	20.49	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	290673	21.19	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	284886	21.15	ug/l	99
89) n-Butylbenzene	13.83	91	497687	20.15	ug/l	98
90) Hexachloroethane	14.10	117	88727	21.08	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	261528	21.69	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	15506	22.38	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	170511	19.99	ug/l	99
94) Hexachlorobutadiene	15.24	225	104577	19.15	ug/l	99
95) Naphthalene	15.38	128	282920	20.46	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	148656	20.26	ug/l	99

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

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