

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091218\
 Data File : VW005321.D
 Acq On : 12 Sep 2018 13:24
 Operator : SY/AP
 Sample : VW0912SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0912SBSD01

Manual Integrations
 APPROVED

apatel
 9/13/2018 11:11:27 AM

Quant Time: Sep 12 14:40:34 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	437842	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	623624	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	615279	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	350690	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	187078	57.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.58%	
35) Dibromofluoromethane	7.89	113	185491	56.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	113.56%	
50) Toluene-d8	10.33	98	885380	53.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.28%	
62) 4-Bromofluorobenzene	12.62	95	334455	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	93556	24.77	ug/l	100
3) Chloromethane	2.21	50	126299	25.01	ug/l	97
4) Vinyl Chloride	2.35	62	114047	24.60	ug/l	97
5) Bromomethane	2.74	94	74258	24.91	ug/l	100
6) Chloroethane	2.90	64	61920	24.25	ug/l	97
7) Trichlorofluoromethane	3.25	101	126567	24.14	ug/l	99
8) Diethyl Ether	3.68	74	45234	24.20	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	86843	23.18	ug/l	99
10) Methyl Iodide	4.27	142	76525	18.67	ug/l	98
11) Tert butyl alcohol	5.18	59	36742	137.19	ug/l	97
12) 1,1-Dichloroethene	4.04	96	79955	23.18	ug/l	94
13) Acrolein	3.90	56	32511	125.67	ug/l	100
14) Allyl chloride	4.67	41	123026	23.22	ug/l	99
15) Acrylonitrile	5.37	53	109614	130.00	ug/l	98
16) Acetone	4.13	43	86561	142.80	ug/l	98
17) Carbon Disulfide	4.38	76	292605	24.17	ug/l	99
18) Methyl Acetate	4.68	43	46504	25.70	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	200180	24.37	ug/l	98
20) Methylene Chloride	4.92	84	115438	23.91	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	92974	23.09	ug/l	97
22) Diisopropyl ether	6.32	45	263730	24.72	ug/l	97
23) Vinyl Acetate	6.26	43	756672	127.26	ug/l	100
24) 1,1-Dichloroethane	6.22	63	155008	23.60	ug/l	98
25) 2-Butanone	7.18	43	133862	140.00	ug/l	94
26) 2,2-Dichloropropane	7.17	77	132555	23.28	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	99606	23.11	ug/l	99
28) Bromochloromethane	7.52	49	58781	24.26	ug/l #	97
29) Tetrahydrofuran	7.54	42	84815	131.63	ug/l	98
30) Chloroform	7.68	83	153465	23.29	ug/l	99
31) Cyclohexane	7.96	56	164395	23.53	ug/l	99
32) 1,1,1-Trichloroethane	7.88	97	135909	22.83	ug/l	100
36) 1,1-Dichloropropene	8.09	75	135853	23.78	ug/l	99
37) Ethyl Acetate	7.26	43	59266	27.27	ug/l	99
38) Carbon Tetrachloride	8.07	117	120377	22.49	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	168377	22.20	ug/l	98
40) Benzene	8.33	78	390739	23.21	ug/l	100
41) Methacrylonitrile	7.49	41	29597	26.55	ug/l	93
42) 1,2-Dichloroethane	8.41	62	95906	23.82	ug/l	100
43) Isopropyl Acetate	8.43	43	104203	25.82	ug/l	99
44) Trichloroethene	9.10	130	104828	22.70	ug/l	99
45) 1,2-Dichloropropane	9.37	63	97586	24.12	ug/l	98
46) Dibromomethane	9.46	93	46224	23.34	ug/l	97
47) Bromodichloromethane	9.65	83	111431	23.00	ug/l	96
48) Methyl methacrylate	9.45	41	48680	23.23	ug/l	96
49) 1,4-Dioxane	9.45	88	18968	512.99	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	287730	126.70	ug/l	99
52) Toluene	10.39	92	269507	22.03	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	120471	23.01	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	145308	23.18	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	75299	23.85	ug/l	99
56) Ethyl methacrylate	10.65	69	92540	23.12	ug/l	99
57) 1,3-Dichloropropane	10.94	76	123069	23.47	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	207879	119.47	ug/l	99
59) 2-Hexanone	10.98	43	214191	130.83	ug/l	99
60) Dibromochloromethane	11.13	129	79621	22.72	ug/l	99
61) 1,2-Dibromoethane	11.24	107	68095	23.52	ug/l	100
64) Tetrachloroethene	10.87	164	99293	21.75	ug/l	99
65) Chlorobenzene	11.66	112	299165	22.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	89694	22.29	ug/l	100
67) Ethyl Benzene	11.74	91	517810	22.06	ug/l	100
68) m/p-Xylenes	11.85	106	431248	45.59	ug/l	98
69) o-Xylene	12.17	106	197010	22.39	ug/l	98
70) Styrene	12.19	104	326328	22.73	ug/l	99
71) Bromoform	12.35	173	49843	22.84	ug/l	# 100
73) Isopropylbenzene	12.47	105	534347	21.57	ug/l	100
74) N-amyl acetate	12.28	43	111824	23.72	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	87367	23.46	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	59016m	21.88	ug/l	
77) Bromobenzene	12.76	156	126632	21.69	ug/l	97
78) n-propylbenzene	12.81	91	667945	22.45	ug/l	99
79) 2-Chlorotoluene	12.90	91	376159	22.04	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	469925	22.27	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	26409	22.96	ug/l	98
82) 4-Chlorotoluene	12.99	91	399932	22.30	ug/l	99
83) tert-Butylbenzene	13.21	119	392553	21.27	ug/l	100
84) 1,2,4-Trimethylbenzene	13.26	105	475844	22.44	ug/l	99
85) sec-Butylbenzene	13.39	105	585724	22.09	ug/l	99
86) p-Isopropyltoluene	13.51	119	522594	22.26	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	265516	21.66	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	269576	22.39	ug/l	99
89) n-Butylbenzene	13.83	91	487746	22.10	ug/l	98
90) Hexachloroethane	14.10	117	77679	20.65	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	240755	22.35	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	14698	23.74	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	165859	21.76	ug/l	99
94) Hexachlorobutadiene	15.24	225	104736	21.46	ug/l	100
95) Naphthalene	15.38	128	276112	22.35	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	144857	22.09	ug/l	98

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

