

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092618\
 Data File : VW005683.D
 Acq On : 27 Sep 2018 06:11
 Operator : VA/AP
 Sample : VW092618SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleID :
 VW092618SBS02

Manual Integrations
 APPROVED

apatel
 9/27/2018 10:34:04 AM

Quant Time: Sep 27 08:00:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W092118S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 21 09:05:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233611	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	369413	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	350291	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186536	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	130386	47.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.76%	
35) Dibromofluoromethane	7.89	113	113241	48.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.50%	
50) Toluene-d8	10.33	98	474421	50.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.30%	
62) 4-Bromofluorobenzene	12.62	95	177125	50.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	28511	18.220	ug/l	99
3) Chloromethane	2.21	50	34904	18.587	ug/l	100
4) Vinyl Chloride	2.37	62	52142	23.229	ug/l	100
5) Bromomethane	2.78	94	32884	21.678	ug/l	98
6) Chloroethane	2.93	64	30897	21.451	ug/l	97
7) Trichlorofluoromethane	3.26	101	31103	17.716	ug/l	99
8) Diethyl Ether	3.68	74	26486	23.095	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.07	101	48256	21.714	ug/l	100
10) Methyl Iodide	4.27	142	76808	22.473	ug/l	97
11) Tert butyl alcohol	5.23	59	16661	115.979	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	48107	22.611	ug/l	99
13) Acrolein	3.90	56	9457	86.667	ug/l	97
14) Allyl chloride	4.67	41	82840	22.310	ug/l	97
15) Acrylonitrile	5.38	53	53472	105.015	ug/l	98
16) Acetone	4.14	43	46468	101.809	ug/l	95
17) Carbon Disulfide	4.38	76	145201	21.843	ug/l	100
18) Methyl Acetate	4.68	43	28253	21.660	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	72353	22.032	ug/l	97
20) Methylene Chloride	4.91	84	62359	24.891	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	51253	21.994	ug/l	98
22) Diisopropyl ether	6.31	45	161074	22.346	ug/l	94
23) Vinyl Acetate	6.26	43	426287	103.470	ug/l	98
24) 1,1-Dichloroethane	6.21	63	97163	21.818	ug/l	98
25) 2-Butanone	7.18	43	69397	103.822	ug/l	99
26) 2,2-Dichloropropane	7.17	77	58302	18.752	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	57532	22.383	ug/l	99
28) Bromochloromethane	7.51	49	37356	21.176	ug/l #	12
29) Tetrahydrofuran	7.54	42	44013	105.398	ug/l	99
30) Chloroform	7.68	83	101219	22.015	ug/l	99
31) Cyclohexane	7.96	56	86945	20.378	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	84470	20.797	ug/l	98
36) 1,1-Dichloropropene	8.09	75	77469	20.832	ug/l	100
37) Ethyl Acetate	7.26	43	31012	19.817	ug/l	99
38) Carbon Tetrachloride	8.07	117	79100	19.850	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	88153	20.092	ug/l	97
40) Benzene	8.33	78	223691	21.230	ug/l	98
41) Methacrylonitrile	7.49	41	19551	21.954	ug/l	94
42) 1,2-Dichloroethane	8.40	62	68079	20.181	ug/l	99
43) Isopropyl Acetate	8.43	43	61377	19.948	ug/l	99
44) Trichloroethene	9.10	130	56641	21.002	ug/l	93
45) 1,2-Dichloropropane	9.37	63	53965	20.818	ug/l	98
46) Dibromomethane	9.46	93	26571	20.515	ug/l	100
47) Bromodichloromethane	9.65	83	70574	20.284	ug/l	99
48) Methyl methacrylate	9.45	41	28968	19.822	ug/l	96
49) 1,4-Dioxane	9.48	88	9157	444.691	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	157416	101.580	ug/l	99
52) Toluene	10.39	92	142379	21.657	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	70145	20.111	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	80970	20.719	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39383	21.421	ug/l	96
56) Ethyl methacrylate	10.65	69	46946	20.685	ug/l	97
57) 1,3-Dichloropropane	10.94	76	69143	21.220	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	104477	101.553	ug/l	99
59) 2-Hexanone	10.98	43	104760	99.512	ug/l	100
60) Dibromochloromethane	11.13	129	44755	20.147	ug/l	96
61) 1,2-Dibromoethane	11.24	107	36717	21.420	ug/l	98
64) Tetrachloroethene	10.87	164	55404	22.285	ug/l	97
65) Chlorobenzene	11.66	112	156171	21.001	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	54769	20.464	ug/l	99
67) Ethyl Benzene	11.74	91	275660	20.884	ug/l	100
68) m/p-Xylenes	11.85	106	211561	42.424	ug/l	100
69) o-Xylene	12.17	106	98275	21.042	ug/l	99
70) Styrene	12.19	104	165718	21.085	ug/l	99
71) Bromoform	12.35	173	28382	19.978	ug/l #	100
73) Isopropylbenzene	12.47	105	279241	21.587	ug/l	100
74) N-amyl acetate	12.28	43	58519	19.978	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	45759	21.296	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31392m	19.742	ug/l	
77) Bromobenzene	12.75	156	65820	21.709	ug/l	98
78) n-propylbenzene	12.81	91	331405	21.161	ug/l	98
79) 2-Chlorotoluene	12.90	91	193417	21.346	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	236519	21.027	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	13458	19.063	ug/l	95
82) 4-Chlorotoluene	12.99	91	210705	22.009	ug/l	98
83) tert-Butylbenzene	13.21	119	201243	21.296	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	250735	22.089	ug/l	100
85) sec-Butylbenzene	13.39	105	284537	20.761	ug/l	100
86) p-Isopropyltoluene	13.51	119	263274	21.431	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	127585	20.580	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	129015	20.924	ug/l	99
89) n-Butylbenzene	13.83	91	246725	21.293	ug/l	98
90) Hexachloroethane	14.10	117	46616	20.937	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	117720	21.510	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8475	20.702	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	84957	21.761	ug/l	100
94) Hexachlorobutadiene	15.24	225	52093	20.596	ug/l	98
95) Naphthalene	15.38	128	141517	21.550	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75869	22.052	ug/l	100

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

