

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090418\
 Data File : VW005103.D
 Acq On : 05 Sep 2018 03:01
 Operator : SY/AP
 Sample : VW0904SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0904SBS02

Manual Integrations
 APPROVED

apatel
 9/5/2018 10:02:56 AM

Quant Time: Sep 05 05:25:28 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W090118S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 01 03:35:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	465064	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	669271	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	664512	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	364095	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	190051	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
35) Dibromofluoromethane	7.89	113	191494	49.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.02%	
50) Toluene-d8	10.33	98	881858	49.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.96%	
62) 4-Bromofluorobenzene	12.62	95	317413	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	82858	22.11	ug/l	96
3) Chloromethane	2.21	50	110581	20.33	ug/l	98
4) Vinyl Chloride	2.36	62	110593	20.91	ug/l	98
5) Bromomethane	2.76	94	81746	22.72	ug/l	100
6) Chloroethane	2.92	64	68200	20.72	ug/l	99
7) Trichlorofluoromethane	3.26	101	126243	21.22	ug/l	95
8) Diethyl Ether	3.69	74	44512	20.68	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	86492	21.17	ug/l	100
10) Methyl Iodide	4.28	142	89012	17.28	ug/l	100
11) Tert butyl alcohol	5.17	59	31019	139.14	ug/l	95
12) 1,1-Dichloroethene	4.04	96	79108	21.04	ug/l	98
13) Acrolein	3.90	56	24653	98.52	ug/l	97
14) Allyl chloride	4.68	41	114927	19.55	ug/l	99
15) Acrylonitrile	5.37	53	98527	108.52	ug/l	99
16) Acetone	4.13	43	84048	108.71	ug/l	95
17) Carbon Disulfide	4.38	76	277585	21.18	ug/l	100
18) Methyl Acetate	4.68	43	49864	21.92	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	200146	21.92	ug/l	98
20) Methylene Chloride	4.92	84	158369	28.66	ug/l	97
21) trans-1,2-Dichloroethene	5.43	96	96242	21.01	ug/l	98
22) Diisopropyl ether	6.32	45	255852	20.68	ug/l	99
23) Vinyl Acetate	6.26	43	685984	105.58	ug/l	100
24) 1,1-Dichloroethane	6.22	63	159487	20.63	ug/l	100
25) 2-Butanone	7.18	43	145785	108.71	ug/l	100
26) 2,2-Dichloropropane	7.17	77	118697	18.68	ug/l	100
27) cis-1,2-Dichloroethene	7.18	96	103198	20.59	ug/l	98
28) Bromochloromethane	7.52	49	62632	20.13	ug/l	98
29) Tetrahydrofuran	7.54	42	74394	108.57	ug/l	100
30) Chloroform	7.68	83	163937	20.77	ug/l	98
31) Cyclohexane	7.96	56	154488	20.40	ug/l	95
32) 1,1,1-Trichloroethane	7.88	97	144880	21.08	ug/l	100
36) 1,1-Dichloropropene	8.09	75	136567	21.43	ug/l	99
37) Ethyl Acetate	7.26	43	53786	22.56	ug/l	99
38) Carbon Tetrachloride	8.07	117	129545	21.37	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	155986	20.24	ug/l	99
40) Benzene	8.33	78	410418	21.03	ug/l	98
41) Methacrylonitrile	7.49	41	29681	21.49	ug/l	92
42) 1,2-Dichloroethane	8.41	62	101801	21.32	ug/l	100
43) Isopropyl Acetate	8.43	43	93447	21.54	ug/l	98
44) Trichloroethene	9.10	130	113838	21.62	ug/l	97
45) 1,2-Dichloropropane	9.37	63	102753	21.56	ug/l	99
46) Dibromomethane	9.46	93	49438	21.69	ug/l	98
47) Bromodichloromethane	9.65	83	124516	21.69	ug/l	99
48) Methyl methacrylate	9.44	41	44674	21.39	ug/l	97
49) 1,4-Dioxane	9.46	88	16164	438.50	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	321026	110.43	ug/l	99
52) Toluene	10.39	92	277710	21.00	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	120090	21.29	ug/l	98
54) cis-1,3-Dichloropropene	10.08	75	145591	21.23	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	78426	22.22	ug/l	98
56) Ethyl methacrylate	10.65	69	83927	20.84	ug/l	99
57) 1,3-Dichloropropane	10.94	76	127707	21.98	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	198596	104.09	ug/l	99
59) 2-Hexanone	10.98	43	212993	108.32	ug/l	99
60) Dibromochloromethane	11.13	129	88168	22.10	ug/l	98
61) 1,2-Dibromoethane	11.24	107	69670	21.87	ug/l	98
64) Tetrachloroethene	10.87	164	115749	22.20	ug/l	95
65) Chlorobenzene	11.66	112	308280	20.61	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	97579	21.35	ug/l	100
67) Ethyl Benzene	11.74	91	508263	20.10	ug/l	99
68) m/p-Xylenes	11.84	106	425121	41.98	ug/l	99
69) o-Xylene	12.17	106	193322	20.65	ug/l	98
70) Styrene	12.19	104	326293	21.10	ug/l	100
71) Bromoform	12.35	173	54825	22.63	ug/l #	100
73) Isopropylbenzene	12.47	105	514957	20.06	ug/l	100
74) N-amyl acetate	12.28	43	90222	20.41	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	84363	21.59	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	54810m	20.06	ug/l	
77) Bromobenzene	12.76	156	130559	20.64	ug/l	99
78) n-propylbenzene	12.81	91	629685	20.32	ug/l	100
79) 2-Chlorotoluene	12.90	91	366805	20.29	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	456302	20.55	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	22978	20.24	ug/l	99
82) 4-Chlorotoluene	12.99	91	395441	20.71	ug/l	99
83) tert-Butylbenzene	13.21	119	370942	20.01	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	463324	20.49	ug/l	100
85) sec-Butylbenzene	13.39	105	555435	20.39	ug/l	100
86) p-Isopropyltoluene	13.51	119	490310	20.33	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	269765	20.76	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	266317	20.66	ug/l	99
89) n-Butylbenzene	13.83	91	444088	19.87	ug/l	99
90) Hexachloroethane	14.10	117	80681	20.14	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	240202	21.21	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12900	21.12	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	158190	20.83	ug/l	99
94) Hexachlorobutadiene	15.24	225	98553	20.87	ug/l	99
95) Naphthalene	15.38	128	246694	21.28	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	138461	21.31	ug/l	100

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

