

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090118\
 Data File : VW005064.D
 Acq On : 01 Sep 2018 04:52
 Operator : SY/AP
 Sample : VW0901SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0901SBSD01

Manual Integrations
 APPROVED

Quant Time: Sep 01 05:45:54 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	502709	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	734362	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	712464	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	384908	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	211782	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
35) Dibromofluoromethane	7.89	113	213726	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
50) Toluene-d8	10.33	98	993899	50.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.66%	
62) 4-Bromofluorobenzene	12.62	95	352166	51.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.14%	

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Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	91142	22.50	ug/l	100
3) Chloromethane	2.21	50	121847	20.73	ug/l	98
4) Vinyl Chloride	2.36	62	121544	21.26	ug/l	99
5) Bromomethane	2.76	94	83699	21.23	ug/l	98
6) Chloroethane	2.92	64	73782	20.74	ug/l	99
7) Trichlorofluoromethane	3.26	101	136595	21.24	ug/l	95
8) Diethyl Ether	3.69	74	49567	21.30	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	95018	21.51	ug/l	100
10) Methyl Iodide	4.28	142	118806	20.44	ug/l	100
11) Tert butyl alcohol	5.17	59	35087	147.14	ug/l	96
12) 1,1-Dichloroethene	4.04	96	86783	21.35	ug/l	98
13) Acrolein	3.90	56	28017	103.58	ug/l	100
14) Allyl chloride	4.67	41	132314	20.82	ug/l	99
15) Acrylonitrile	5.38	53	102778	104.73	ug/l	99
16) Acetone	4.13	43	87465	104.66	ug/l	100
17) Carbon Disulfide	4.38	76	290210	20.49	ug/l	100
18) Methyl Acetate	4.68	43	59632	24.26	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	217758	22.06	ug/l	98
20) Methylene Chloride	4.92	84	135451	21.80	ug/l	96
21) trans-1,2-Dichloroethene	5.43	96	103533	20.90	ug/l	96
22) Diisopropyl ether	6.32	45	286701	21.44	ug/l	98
23) Vinyl Acetate	6.26	43	744518	106.01	ug/l	99
24) 1,1-Dichloroethane	6.23	63	174036	20.82	ug/l	99
25) 2-Butanone	7.18	43	156582	108.02	ug/l	100
26) 2,2-Dichloropropane	7.17	77	140349	20.43	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	112862	20.83	ug/l	99
28) Bromochloromethane	7.52	49	67037	19.93	ug/l	99
29) Tetrahydrofuran	7.54	42	79360	107.15	ug/l	100
30) Chloroform	7.68	83	175031	20.52	ug/l	96
31) Cyclohexane	7.96	56	180084	22.00	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	158746	21.37	ug/l	99
36) 1,1-Dichloropropene	8.09	75	153634	21.97	ug/l	98
37) Ethyl Acetate	7.26	43	55444	21.20	ug/l	99
38) Carbon Tetrachloride	8.07	117	142882	21.49	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	182789	21.61	ug/l	98
40) Benzene	8.33	78	446343	20.85	ug/l	99
41) Methacrylonitrile	7.49	41	35067	23.14	ug/l	96
42) 1,2-Dichloroethane	8.40	62	109303	20.86	ug/l	100
43) Isopropyl Acetate	8.43	43	98826	20.76	ug/l	98
44) Trichloroethene	9.10	130	122016	21.12	ug/l	99
45) 1,2-Dichloropropane	9.37	63	109659	20.96	ug/l	99
46) Dibromomethane	9.46	93	52294	20.91	ug/l	99
47) Bromodichloromethane	9.65	83	133341	21.17	ug/l	98
48) Methyl methacrylate	9.44	41	47244	20.61	ug/l	98
49) 1,4-Dioxane	9.46	88	16690	412.64	ug/l	97
51) 4-Methyl-2-Pentanone	10.21	43	333453	104.54	ug/l	99
52) Toluene	10.40	92	305001	21.02	ug/l	97
53) t-1,3-Dichloropropene	10.61	75	129129	20.87	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	160427	21.32	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	80072	20.68	ug/l	98
56) Ethyl methacrylate	10.65	69	92004	20.82	ug/l	99
57) 1,3-Dichloropropane	10.94	76	134626	21.12	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	220867	105.50	ug/l	99
59) 2-Hexanone	10.98	43	222904	103.32	ug/l	99
60) Dibromochloromethane	11.13	129	90303	20.63	ug/l	100
61) 1,2-Dibromoethane	11.24	107	73815	21.11	ug/l	99
64) Tetrachloroethene	10.87	164	117924	21.10	ug/l	97
65) Chlorobenzene	11.66	112	331815	20.69	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	101574	20.72	ug/l	100
67) Ethyl Benzene	11.74	91	567198	20.92	ug/l	100
68) m/p-Xylenes	11.85	106	462682	42.62	ug/l	100
69) o-Xylene	12.17	106	212857	21.21	ug/l	98
70) Styrene	12.19	104	348148	21.00	ug/l	99
71) Bromoform	12.35	173	54280	20.89	ug/l	# 100
73) Isopropylbenzene	12.47	105	565101	20.82	ug/l	99
74) N-amyl acetate	12.28	43	93335	19.97	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	87049	21.07	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	57174m	19.79	ug/l	
77) Bromobenzene	12.76	156	137858	20.61	ug/l	100
78) n-propylbenzene	12.81	91	699296	21.34	ug/l	100
79) 2-Chlorotoluene	12.90	91	399691	20.91	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	500267	21.31	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	23890	19.90	ug/l	97
82) 4-Chlorotoluene	12.99	91	419894	20.80	ug/l	100
83) tert-Butylbenzene	13.21	119	416038	21.23	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	505018	21.13	ug/l	100
85) sec-Butylbenzene	13.39	105	611867	21.24	ug/l	100
86) p-Isopropyltoluene	13.51	119	540717	21.21	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	284872	20.74	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	282150	20.71	ug/l	99
89) n-Butylbenzene	13.83	91	491480	20.80	ug/l	100
90) Hexachloroethane	14.10	117	86592	20.45	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	249925	20.87	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	13376	20.72	ug/l	99

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QLast Update : Sat Sep 01 03:35:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	166503	20.74	ug/l	100
94) Hexachlorobutadiene	15.24	225	104643	20.96	ug/l	99
95) Naphthalene	15.38	128	257468	21.06	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	141341	20.57	ug/l	99

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

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