

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW091118\
 Data File : VW005316.D
 Acq On : 12 Sep 2018 10:38
 Operator : SY/AP
 Sample : VW0911SBSD02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0911SBSD02

Manual Integrations
 APPROVED

apatel
 9/12/2018 2:20:55 PM

Quant Time: Sep 12 11:59:54 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	7.95	168	544431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	785976	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	771263	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	408979	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	231598	57.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.06%	
35) Dibromofluoromethane	7.89	113	230330	55.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.88%	
50) Toluene-d8	10.33	98	1099842	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.62	95	401708	52.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	106781	22.74	ug/l	100
3) Chloromethane	2.21	50	143130	22.80	ug/l	99
4) Vinyl Chloride	2.35	62	130602	22.66	ug/l	95
5) Bromomethane	2.73	94	98852	26.89	ug/l	97
6) Chloroethane	2.90	64	70648	22.25	ug/l	99
7) Trichlorofluoromethane	3.25	101	146678	22.49	ug/l	97
8) Diethyl Ether	3.68	74	54388	23.40	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	100427	21.56	ug/l	97
10) Methyl Iodide	4.27	142	56183	12.39	ug/l	99
11) Tert butyl alcohol	5.16	59	47521	142.70	ug/l	95
12) 1,1-Dichloroethene	4.03	96	95203	22.20	ug/l	99
13) Acrolein	3.89	56	38429	119.47	ug/l	100
14) Allyl chloride	4.67	41	146777	22.27	ug/l	98
15) Acrylonitrile	5.37	53	126549	120.70	ug/l	99
16) Acetone	4.12	43	97199	128.96	ug/l	99
17) Carbon Disulfide	4.37	76	335999	22.32	ug/l	99
18) Methyl Acetate	4.67	43	53794	23.91	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	240687	23.56	ug/l	98
20) Methylene Chloride	4.92	84	133670	22.02	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	109596	21.89	ug/l	95
22) Diisopropyl ether	6.32	45	321752	24.25	ug/l	97
23) Vinyl Acetate	6.26	43	897257	121.36	ug/l	99
24) 1,1-Dichloroethane	6.22	63	183875	22.52	ug/l	97
25) 2-Butanone	7.17	43	154072	129.59	ug/l	95
26) 2,2-Dichloropropane	7.17	77	155923	22.02	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	119432	22.29	ug/l	97
28) Bromochloromethane	7.52	49	68672	22.79	ug/l	# 96
29) Tetrahydrofuran	7.53	42	99547	124.25	ug/l	98
30) Chloroform	7.68	83	181825	22.19	ug/l	99
31) Cyclohexane	7.96	56	190429	21.92	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	156853	21.19	ug/l	98
36) 1,1-Dichloropropene	8.09	75	156566	21.74	ug/l	100
37) Ethyl Acetate	7.26	43	68948	25.17	ug/l	98
38) Carbon Tetrachloride	8.07	117	140830	20.88	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	196553	20.56	ug/l	99
40) Benzene	8.33	78	469350	22.12	ug/l	99
41) Methacrylonitrile	7.49	41	37635	26.78	ug/l	94
42) 1,2-Dichloroethane	8.40	62	113721	22.41	ug/l	100
43) Isopropyl Acetate	8.43	43	122602	24.10	ug/l	100
44) Trichloroethene	9.10	130	125565	21.57	ug/l	100
45) 1,2-Dichloropropane	9.37	63	115967	22.74	ug/l	96
46) Dibromomethane	9.46	93	54277	21.75	ug/l	97
47) Bromodichloromethane	9.65	83	132174	21.65	ug/l	96
48) Methyl methacrylate	9.44	41	57734	21.86	ug/l	94
49) 1,4-Dioxane	9.45	88	20214	433.77	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	334002	116.69	ug/l	98
52) Toluene	10.39	92	322364	20.91	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	142050	21.53	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	172800	21.87	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	87990	22.11	ug/l	99
56) Ethyl methacrylate	10.65	69	109767	21.76	ug/l	99
57) 1,3-Dichloropropane	10.94	76	147541	22.33	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	244064	111.30	ug/l	99
59) 2-Hexanone	10.98	43	243640	118.07	ug/l	97
60) Dibromochloromethane	11.13	129	94783	21.46	ug/l	99
61) 1,2-Dibromoethane	11.24	107	79712	21.84	ug/l	98
64) Tetrachloroethene	10.87	164	116848	20.42	ug/l	97
65) Chlorobenzene	11.66	112	355011	21.01	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	107454	21.30	ug/l	99
67) Ethyl Benzene	11.74	91	614368	20.88	ug/l	99
68) m/p-Xylenes	11.85	106	492431	41.53	ug/l	99
69) o-Xylene	12.17	106	230339	20.88	ug/l	99
70) Styrene	12.19	104	378661	21.04	ug/l	100
71) Bromoform	12.35	173	57640	21.07	ug/l #	98
73) Isopropylbenzene	12.47	105	608766	21.07	ug/l	99
74) N-amyl acetate	12.28	43	125508	22.83	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.72	83	99633	22.94	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	67392m	21.42	ug/l	
77) Bromobenzene	12.76	156	148242	21.78	ug/l	98
78) n-propylbenzene	12.81	91	745208	21.47	ug/l	99
79) 2-Chlorotoluene	12.90	91	429750	21.59	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	523912	21.29	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	28983	21.61	ug/l	94
82) 4-Chlorotoluene	12.99	91	448738	21.45	ug/l	99
83) tert-Butylbenzene	13.21	119	442237	20.55	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	531478	21.49	ug/l	98
85) sec-Butylbenzene	13.39	105	648835	20.98	ug/l	99
86) p-Isopropyltoluene	13.51	119	571009	20.86	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	299689	20.97	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	298514	21.26	ug/l	99
89) n-Butylbenzene	13.83	91	529686	20.58	ug/l	99
90) Hexachloroethane	14.10	117	89424	20.39	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	267149	21.26	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	16524	22.88	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	176719	19.88	ug/l	98
94) Hexachlorobutadiene	15.25	225	111859	19.65	ug/l	100
95) Naphthalene	15.38	128	288450	20.02	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	151789	19.85	ug/l	99

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

