

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW092518\
 Data File : VW005631.D
 Acq On : 26 Sep 2018 02:03
 Operator : VA/AP
 Sample : VW0925SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0925SBS02

Manual Integrations
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apatel
 9/26/2018 2:38:35 PM

Quant Time: Sep 26 06:55:49 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	213924	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	327419	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	319630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	171673	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	132348	52.52	ug/l	0.00
Spiked Amount			Recovery	=	105.04%	
35) Dibromofluoromethane	7.89	113	109549	53.20	ug/l	0.00
Spiked Amount			Recovery	=	106.40%	
50) Toluene-d8	10.33	98	460810	54.96	ug/l	0.00
Spiked Amount			Recovery	=	109.92%	
62) 4-Bromofluorobenzene	12.62	95	172422	55.58	ug/l	0.00
Spiked Amount			Recovery	=	111.16%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	26716	18.726	ug/l	97
3) Chloromethane	2.21	50	30021	17.458	ug/l	97
4) Vinyl Chloride	2.37	62	44459	21.629	ug/l	98
5) Bromomethane	2.79	94	26707	19.226	ug/l	99
6) Chloroethane	2.92	64	25965	19.686	ug/l	93
7) Trichlorofluoromethane	3.26	101	27978	17.403	ug/l	95
8) Diethyl Ether	3.68	74	22189	21.129	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42724	20.994	ug/l	97
10) Methyl Iodide	4.27	142	63496	20.288	ug/l	99
11) Tert butyl alcohol	5.22	59	16463	125.337	ug/l #	90
12) 1,1-Dichloroethene	4.03	96	40249	20.658	ug/l	97
13) Acrolein	3.90	56	11205	118.413	ug/l	96
14) Allyl chloride	4.67	41	68589	20.172	ug/l	99
15) Acrylonitrile	5.38	53	53633	115.024	ug/l	100
16) Acetone	4.14	43	47579	114.995	ug/l	94
17) Carbon Disulfide	4.37	76	120019	19.716	ug/l	99
18) Methyl Acetate	4.68	43	25754	21.561	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	64062	21.303	ug/l	94
20) Methylene Chloride	4.92	84	52207	22.354	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	43107	20.200	ug/l	90
22) Diisopropyl ether	6.31	45	141747	21.475	ug/l	95
23) Vinyl Acetate	6.26	43	425129	112.685	ug/l	98
24) 1,1-Dichloroethane	6.21	63	83301	20.426	ug/l	99
25) 2-Butanone	7.18	43	67460	110.212	ug/l	98
26) 2,2-Dichloropropane	7.17	77	51641	18.138	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	48737	20.707	ug/l	99
28) Bromochloromethane	7.52	49	32157	19.907	ug/l	96
29) Tetrahydrofuran	7.54	42	47312	123.725	ug/l	99
30) Chloroform	7.68	83	89417	21.238	ug/l	92
31) Cyclohexane	7.96	56	78512	20.095	ug/l	92
32) 1,1,1-Trichloroethane	7.88	97	75310	20.248	ug/l	100
36) 1,1-Dichloropropene	8.09	75	67944	20.614	ug/l	99
37) Ethyl Acetate	7.26	43	33620	24.239	ug/l	99
38) Carbon Tetrachloride	8.07	117	71708	20.303	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	80800	20.778	ug/l	97
40) Benzene	8.33	78	191992	20.559	ug/l	98
41) Methacrylonitrile	7.49	41	17392	22.035	ug/l	92
42) 1,2-Dichloroethane	8.40	62	63404	21.206	ug/l	98
43) Isopropyl Acetate	8.43	43	62012	22.739	ug/l	99
44) Trichloroethene	9.10	130	49658	20.774	ug/l	99
45) 1,2-Dichloropropane	9.37	63	48622	21.163	ug/l	96
46) Dibromomethane	9.46	93	25151	21.909	ug/l	97
47) Bromodichloromethane	9.65	83	63643	20.638	ug/l	98
48) Methyl methacrylate	9.44	41	30234	23.342	ug/l	96
49) 1,4-Dioxane	9.48	88	9044	495.535	ug/l #	97
51) 4-Methyl-2-Pentanone	10.22	43	177146	128.973	ug/l	97
52) Toluene	10.39	92	129310	22.192	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	68008	21.999	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	75461	21.786	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	39286	24.109	ug/l	98
56) Ethyl methacrylate	10.65	69	49154	24.436	ug/l	97
57) 1,3-Dichloropropane	10.94	76	67690	23.438	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	107086	117.439	ug/l	97
59) 2-Hexanone	10.98	43	118861	127.388	ug/l	98
60) Dibromochloromethane	11.13	129	45160	22.937	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35927	23.647	ug/l	96
64) Tetrachloroethene	10.87	164	48229	21.260	ug/l	96
65) Chlorobenzene	11.66	112	141228	20.814	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.74	131	49988	20.469	ug/l	98
67) Ethyl Benzene	11.74	91	248147	20.603	ug/l	100
68) m/p-Xylenes	11.84	106	186745	41.040	ug/l	98
69) o-Xylene	12.17	106	87639	20.565	ug/l	99
70) Styrene	12.19	104	149165	20.799	ug/l	99
71) Bromoform	12.35	173	29911	23.074	ug/l #	97
73) Isopropylbenzene	12.47	105	252009	21.168	ug/l	99
74) N-amyl acetate	12.28	43	63707	23.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	47170	23.854	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	39862m	27.239	ug/l	
77) Bromobenzene	12.76	156	59210	21.220	ug/l	99
78) n-propylbenzene	12.81	91	305822	21.218	ug/l	100
79) 2-Chlorotoluene	12.90	91	174548	20.932	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	211407	20.422	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	14550	22.394	ug/l	97
82) 4-Chlorotoluene	12.99	91	185774	21.085	ug/l	100
83) tert-Butylbenzene	13.21	119	181990	20.926	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	223696	21.413	ug/l	100
85) sec-Butylbenzene	13.39	105	259179	20.548	ug/l	99
86) p-Isopropyltoluene	13.51	119	238702	21.113	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	120610	21.139	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	115177	20.297	ug/l	98
89) n-Butylbenzene	13.83	91	220712	20.697	ug/l	100
90) Hexachloroethane	14.10	117	42165	20.577	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	109094	21.660	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8798	23.352	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	77188	21.483	ug/l	98
94) Hexachlorobutadiene	15.24	225	48457	20.818	ug/l	99
95) Naphthalene	15.38	128	146506	24.242	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	71422	22.556	ug/l	99

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

