

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW090718\
 Data File : VW005205.D
 Acq On : 07 Sep 2018 13:34
 Operator : SY/AP
 Sample : VW0907SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0907SBSD01

Manual Integrations
 APPROVED

apatel
 9/10/2018 10:50:49 AM

Quant Time: Sep 07 15:05:07 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	461120	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	657358	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	652603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	351611	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	193794	50.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.40%	
35) Dibromofluoromethane	7.89	113	190186	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
50) Toluene-d8	10.33	98	935961	53.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.94%	
62) 4-Bromofluorobenzene	12.63	95	343565	55.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	83901	22.58	ug/l	98
3) Chloromethane	2.22	50	118818	22.03	ug/l	97
4) Vinyl Chloride	2.36	62	114012	21.74	ug/l	98
5) Bromomethane	2.75	94	75016	20.61	ug/l	97
6) Chloroethane	2.91	64	66510	20.38	ug/l	100
7) Trichlorofluoromethane	3.26	101	120214	20.38	ug/l	100
8) Diethyl Ether	3.69	74	42636	19.98	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.07	101	82841	20.45	ug/l	98
10) Methyl Iodide	4.28	142	68864	14.32	ug/l	100
11) Tert butyl alcohol	5.17	59	35731	166.55	ug/l #	94
12) 1,1-Dichloroethene	4.04	96	74285	19.92	ug/l	98
13) Acrolein	3.90	56	22433	90.42	ug/l	100
14) Allyl chloride	4.68	41	115920	19.89	ug/l	98
15) Acrylonitrile	5.38	53	96606	107.32	ug/l	98
16) Acetone	4.13	43	85379	111.37	ug/l	94
17) Carbon Disulfide	4.39	76	236411	18.20	ug/l	99
18) Methyl Acetate	4.68	43	44656	19.80	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	180840	19.97	ug/l	99
20) Methylene Chloride	4.92	84	125550	22.07	ug/l	95
21) trans-1,2-Dichloroethene	5.43	96	86320	19.00	ug/l	96
22) Diisopropyl ether	6.32	45	254062	20.71	ug/l	98
23) Vinyl Acetate	6.26	43	677528	105.17	ug/l	99
24) 1,1-Dichloroethane	6.23	63	148857	19.42	ug/l	99
25) 2-Butanone	7.18	43	140759	105.86	ug/l	98
26) 2,2-Dichloropropane	7.18	77	132158	20.98	ug/l	98
27) cis-1,2-Dichloroethene	7.18	96	95524	19.22	ug/l	95
28) Bromochloromethane	7.52	49	67964	22.03	ug/l	95
29) Tetrahydrofuran	7.54	42	72967	107.40	ug/l	99
30) Chloroform	7.68	83	146198	18.68	ug/l	95
31) Cyclohexane	7.96	56	156463	20.84	ug/l	97
32) 1,1,1-Trichloroethane	7.88	97	129946	19.07	ug/l	99
36) 1,1-Dichloropropene	8.09	75	125471	20.04	ug/l	99
37) Ethyl Acetate	7.26	43	53611	22.90	ug/l	99
38) Carbon Tetrachloride	8.07	117	115480	19.40	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	157416	20.79	ug/l	96
40) Benzene	8.33	78	378497	19.75	ug/l	99
41) Methacrylonitrile	7.49	41	30688	22.62	ug/l	96
42) 1,2-Dichloroethane	8.41	62	91813	19.57	ug/l	99
43) Isopropyl Acetate	8.43	43	92839	21.79	ug/l	99
44) Trichloroethene	9.10	130	98393	19.03	ug/l	100
45) 1,2-Dichloropropane	9.37	63	93795	20.03	ug/l	99
46) Dibromomethane	9.46	93	43254	19.32	ug/l	97
47) Bromodichloromethane	9.65	83	108777	19.30	ug/l	99
48) Methyl methacrylate	9.45	41	49775	24.26	ug/l #	89
49) 1,4-Dioxane	9.45	88	16330	451.03	ug/l	97
51) 4-Methyl-2-Pentanone	10.22	43	331038	115.93	ug/l	99
52) Toluene	10.40	92	267340	20.59	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	111318	20.10	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	134250	19.93	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	69259	19.98	ug/l	98
56) Ethyl methacrylate	10.65	69	85722	21.68	ug/l	98
57) 1,3-Dichloropropane	10.94	76	115308	20.21	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	219908	117.35	ug/l	98
59) 2-Hexanone	10.98	43	234553	121.45	ug/l	98
60) Dibromochloromethane	11.13	129	74333	18.97	ug/l	98
61) 1,2-Dibromoethane	11.24	107	61319	19.59	ug/l	99
64) Tetrachloroethene	10.87	164	94726	18.50	ug/l	96
65) Chlorobenzene	11.66	112	290250	19.76	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	85380	19.02	ug/l	99
67) Ethyl Benzene	11.74	91	501675	20.20	ug/l	99
68) m/p-Xylenes	11.85	106	403335	40.56	ug/l	99
69) o-Xylene	12.18	106	185377	20.16	ug/l	100
70) Styrene	12.19	104	306905	20.21	ug/l	100
71) Bromoform	12.35	173	45025	18.92	ug/l #	99
73) Isopropylbenzene	12.47	105	506405	20.43	ug/l	100
74) N-amyl acetate	12.28	43	98564	23.09	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	79707	21.12	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	55852m	21.16	ug/l	
77) Bromobenzene	12.76	156	120955	19.80	ug/l	97
78) n-propylbenzene	12.81	91	620686	20.74	ug/l	99
79) 2-Chlorotoluene	12.90	91	355536	20.36	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	435717	20.32	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	22746	20.74	ug/l	95
82) 4-Chlorotoluene	12.99	91	373051	20.23	ug/l	100
83) tert-Butylbenzene	13.21	119	368954	20.61	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	443966	20.33	ug/l	99
85) sec-Butylbenzene	13.39	105	552201	20.99	ug/l	100
86) p-Isopropyltoluene	13.51	119	480829	20.64	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	249531	19.89	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	245267	19.70	ug/l	99
89) n-Butylbenzene	13.83	91	448835	20.79	ug/l	99
90) Hexachloroethane	14.10	117	75188	19.43	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	220267	20.14	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	12956	21.97	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	146697	20.00	ug/l	100
94) Hexachlorobutadiene	15.25	225	97215	21.31	ug/l	98
95) Naphthalene	15.38	128	231939	20.82	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	126701	20.19	ug/l	99

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

