

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101318\
 Data File : VW006044.D
 Acq On : 12 Oct 2018 12:49
 Operator : VA/AP
 Sample : VW1013SBSD01
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1013SBSD01

Manual Integrations
 APPROVED

apatel
 10/15/2018 10:03:25 AM

Quant Time: Oct 13 01:38:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100818S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 02:14:04 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244747	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	348009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	320855	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	180186	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	113905	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
35) Dibromofluoromethane	7.89	113	115549	52.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.00%	
50) Toluene-d8	10.33	98	449350	52.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.12%	
62) 4-Bromofluorobenzene	12.62	95	165941	51.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	26258	21.89	ug/l	99
3) Chloromethane	2.22	50	28703	20.35	ug/l	97
4) Vinyl Chloride	2.37	62	45165	20.17	ug/l	91
5) Bromomethane	2.79	94	41892	23.70	ug/l	98
6) Chloroethane	2.93	64	31754	22.25	ug/l	99
7) Trichlorofluoromethane	3.26	101	42278	23.78	ug/l	94
8) Diethyl Ether	3.68	74	21729	19.86	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.06	101	45368	20.22	ug/l	99
10) Methyl Iodide	4.27	142	72634	19.80	ug/l	99
11) Tert butyl alcohol	5.21	59	15649m	89.87	ug/l	
12) 1,1-Dichloroethene	4.04	96	41444	19.24	ug/l	94
13) Acrolein	3.90	56	14280	92.03	ug/l	96
14) Allyl chloride	4.67	41	58391	15.89	ug/l	94
15) Acrylonitrile	5.38	53	42490	89.23	ug/l	98
16) Acetone	4.14	43	50303	106.00	ug/l	97
17) Carbon Disulfide	4.38	76	107490	16.50	ug/l	99
18) Methyl Acetate	4.68	43	19008	15.87	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	65720	19.61	ug/l	99
20) Methylene Chloride	4.92	84	54147	22.77	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	45175	19.24	ug/l	97
22) Diisopropyl ether	6.32	45	123035	17.91	ug/l	98
23) Vinyl Acetate	6.26	43	357867	84.65	ug/l	97
24) 1,1-Dichloroethane	6.21	63	76742	18.26	ug/l	100
25) 2-Butanone	7.18	43	63042	93.39	ug/l	99
26) 2,2-Dichloropropane	7.17	77	57519	19.44	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	51271	19.31	ug/l	98
28) Bromochloromethane	7.52	49	28559	18.41	ug/l	90
29) Tetrahydrofuran	7.54	42	35203	82.50	ug/l	95
30) Chloroform	7.68	83	82657	19.15	ug/l	99
31) Cyclohexane	7.96	56	72608	17.46	ug/l	93
32) 1,1,1-Trichloroethane	7.88	97	73950	19.23	ug/l	99
36) 1,1-Dichloropropene	8.09	75	64542	19.36	ug/l	99
37) Ethyl Acetate	7.26	43	25096	17.77	ug/l	98
38) Carbon Tetrachloride	8.07	117	70356	19.64	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	84884	19.30	ug/l	95
40) Benzene	8.33	78	179656	19.68	ug/l	99
41) Methacrylonitrile	7.49	41	15541	17.58	ug/l	97
42) 1,2-Dichloroethane	8.40	62	52836	19.16	ug/l	99
43) Isopropyl Acetate	8.43	43	49431	16.76	ug/l	96
44) Trichloroethene	9.09	130	53806	20.32	ug/l	98
45) 1,2-Dichloropropane	9.37	63	43917	19.22	ug/l	100
46) Dibromomethane	9.46	93	24206	19.28	ug/l	97
47) Bromodichloromethane	9.65	83	58444	18.50	ug/l	96
48) Methyl methacrylate	9.45	41	23272	16.56	ug/l	93
49) 1,4-Dioxane	9.47	88	7580	397.45	ug/l #	89
51) 4-Methyl-2-Pentanone	10.21	43	126659	88.18	ug/l	98
52) Toluene	10.39	92	121189	20.21	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	58480	17.71	ug/l	99
54) cis-1,3-Dichloropropene	10.08	75	66494	17.91	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	34507	19.84	ug/l	99
56) Ethyl methacrylate	10.65	69	42472	18.12	ug/l	93
57) 1,3-Dichloropropane	10.94	76	57816	19.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	92630	97.12	ug/l	98
59) 2-Hexanone	10.98	43	96193	93.40	ug/l	97
60) Dibromochloromethane	11.13	129	41759	18.61	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34423	19.81	ug/l	100
64) Tetrachloroethene	10.87	164	48342	20.23	ug/l	98
65) Chlorobenzene	11.66	112	139817	20.34	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	49395	19.61	ug/l	99
67) Ethyl Benzene	11.74	91	242197	19.95	ug/l	100
68) m/p-Xylenes	11.85	106	189912	40.03	ug/l	99
69) o-Xylene	12.17	106	91812	20.22	ug/l	98
70) Styrene	12.19	104	148411	19.69	ug/l	99
71) Bromoform	12.35	173	26113	17.40	ug/l #	97
73) Isopropylbenzene	12.47	105	257754	19.59	ug/l	100
74) N-amyl acetate	12.28	43	50264	16.08	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	39969	18.53	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	26858m	16.69	ug/l	
77) Bromobenzene	12.75	156	63114	20.24	ug/l	94
78) n-propylbenzene	12.81	91	302530	19.54	ug/l	99
79) 2-Chlorotoluene	12.90	91	169209	19.36	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	219813	19.79	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	11049	14.49	ug/l	94
82) 4-Chlorotoluene	12.99	91	180194	19.60	ug/l	98
83) tert-Butylbenzene	13.21	119	195355	19.77	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	221884	19.80	ug/l	99
85) sec-Butylbenzene	13.39	105	285607	20.59	ug/l	100
86) p-Isopropyltoluene	13.51	119	253468	20.32	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	126670	20.45	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	125704	20.42	ug/l	99
89) n-Butylbenzene	13.83	91	237514	20.20	ug/l	99
90) Hexachloroethane	14.10	117	41221	17.57	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	114527	20.83	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6917	17.21	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	86897	20.38	ug/l	100
94) Hexachlorobutadiene	15.24	225	55218	20.75	ug/l	99
95) Naphthalene	15.38	128	142269	19.36	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	75012	20.32	ug/l	99

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

