

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW100418\
 Data File : VW005842.D
 Acq On : 04 Oct 2018 07:55
 Operator : SY/AP
 Sample : VW1004SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1004SBS01

Manual Integrations
 APPROVED

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 10/4/2018 2:48:10 PM

Quant Time: Oct 04 09:20:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W100418S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 04 07:08:57 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	179962	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	277874	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	278542	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	149284	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	109934	50.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.70%	
35) Dibromofluoromethane	7.89	113	89756	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
50) Toluene-d8	10.33	98	399720	55.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.54%	
62) 4-Bromofluorobenzene	12.62	95	146035	54.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.28%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21398	20.821	ug/l	96
3) Chloromethane	2.21	50	22853	18.453	ug/l	98
4) Vinyl Chloride	2.37	62	33717	18.593	ug/l	96
5) Bromomethane	2.79	94	24318	19.243	ug/l	97
6) Chloroethane	2.93	64	21327	19.229	ug/l	91
7) Trichlorofluoromethane	3.26	101	25681	20.591	ug/l	99
8) Diethyl Ether	3.68	74	17698	18.713	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	33219	19.259	ug/l	100
10) Methyl Iodide	4.26	142	53866	19.246	ug/l	97
11) Tert butyl alcohol	5.25	59	11650m	88.248	ug/l	
12) 1,1-Dichloroethene	4.03	96	32421	19.182	ug/l	99
13) Acrolein	3.90	56	12546	94.587	ug/l	96
14) Allyl chloride	4.67	41	51147	18.647	ug/l	96
15) Acrylonitrile	5.38	53	35368	88.250	ug/l	99
16) Acetone	4.14	43	32433	89.016	ug/l	96
17) Carbon Disulfide	4.38	76	97096	18.169	ug/l	100
18) Methyl Acetate	4.68	43	16469	15.894	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	52507	19.789	ug/l	95
20) Methylene Chloride	4.92	84	45199	17.705	ug/l	98
21) trans-1,2-Dichloroethene	5.43	96	36183	19.614	ug/l	92
22) Diisopropyl ether	6.31	45	105878	19.668	ug/l	95
23) Vinyl Acetate	6.26	43	286510	93.694	ug/l	98
24) 1,1-Dichloroethane	6.22	63	68064	19.486	ug/l	99
25) 2-Butanone	7.18	43	42828	83.562	ug/l	99
26) 2,2-Dichloropropane	7.17	77	42125	19.315	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	40684	19.785	ug/l	97
28) Bromochloromethane	7.52	49	23781	19.276	ug/l	98
29) Tetrahydrofuran	7.54	42	28149	88.967	ug/l	98
30) Chloroform	7.68	83	72933	19.483	ug/l	99
31) Cyclohexane	7.96	56	56559	18.941	ug/l	92
32) 1,1,1-Trichloroethane	7.88	97	65405	20.472	ug/l	99
36) 1,1-Dichloropropene	8.09	75	54455	19.715	ug/l	100
37) Ethyl Acetate	7.26	43	19534	16.993	ug/l	98
38) Carbon Tetrachloride	8.07	117	62986	20.466	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	59706	19.202	ug/l	97
40) Benzene	8.33	78	153973	19.234	ug/l	99
41) Methacrylonitrile	7.49	41	12732	18.534	ug/l	94
42) 1,2-Dichloroethane	8.40	62	52311	19.429	ug/l	99
43) Isopropyl Acetate	8.43	43	40837	17.972	ug/l	98
44) Trichloroethene	9.10	130	41174	19.461	ug/l	98
45) 1,2-Dichloropropane	9.37	63	35907	18.943	ug/l	95
46) Dibromomethane	9.46	93	19547	18.855	ug/l	98
47) Bromodichloromethane	9.65	83	52840	19.258	ug/l	97
48) Methyl methacrylate	9.44	41	18758	17.052	ug/l	90
49) 1,4-Dioxane	9.49	88	6121	377.885	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	112868	95.481	ug/l	99
52) Toluene	10.40	92	107419	21.054	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	53995	20.155	ug/l	100
54) cis-1,3-Dichloropropene	10.08	75	61035	20.349	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	30071	20.078	ug/l	97
56) Ethyl methacrylate	10.65	69	35468	19.774	ug/l	97
57) 1,3-Dichloropropane	10.94	76	50829	19.935	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	78163	105.998	ug/l	99
59) 2-Hexanone	10.98	43	75719	95.768	ug/l	99
60) Dibromochloromethane	11.13	129	37728	20.179	ug/l	97
61) 1,2-Dibromoethane	11.24	107	27759	19.953	ug/l	99
64) Tetrachloroethene	10.87	164	44697	20.558	ug/l	98
65) Chlorobenzene	11.66	112	118966	19.533	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	43913	19.452	ug/l	98
67) Ethyl Benzene	11.74	91	206742	19.824	ug/l	100
68) m/p-Xylenes	11.85	106	161293	40.137	ug/l	99
69) o-Xylene	12.17	106	73348	19.637	ug/l	99
70) Styrene	12.19	104	124178	19.600	ug/l	100
71) Bromoform	12.35	173	23243	18.703	ug/l #	98
73) Isopropylbenzene	12.47	105	211762	20.617	ug/l	100
74) N-amyl acetate	12.28	43	41339	18.493	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	34177	19.393	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	24218m	17.851	ug/l	
77) Bromobenzene	12.75	156	50954	20.092	ug/l	98
78) n-propylbenzene	12.81	91	252112	20.636	ug/l	99
79) 2-Chlorotoluene	12.90	91	147263	20.238	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	182436	20.453	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.52	75	9982	18.598	ug/l	99
82) 4-Chlorotoluene	12.99	91	159914	20.849	ug/l	100
83) tert-Butylbenzene	13.21	119	153048	20.574	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	190324	20.781	ug/l	97
85) sec-Butylbenzene	13.39	105	215868	20.103	ug/l	100
86) p-Isopropyltoluene	13.51	119	199991	20.749	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	99933	19.534	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	99272	19.448	ug/l	98
89) n-Butylbenzene	13.83	91	177581	20.004	ug/l	99
90) Hexachloroethane	14.10	117	35950	19.837	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	91826	19.964	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6478	19.013	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	64385	20.030	ug/l	100
94) Hexachlorobutadiene	15.24	225	40866	20.105	ug/l	99
95) Naphthalene	15.38	128	104859	18.574	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	56866	19.677	ug/l	99

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

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