

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110318\
 Data File : VW006578.D
 Acq On : 02 Nov 2018 01:09
 Operator : SY/AP
 Sample : VW110318SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW110318SBSD01

Manual Integrations
 APPROVED

apatel
 11/2/2018 1:01:35 PM

Quant Time: Nov 02 08:24:44 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W110218S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 01 03:48:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	233426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	344750	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	318491	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	179567	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	112797	56.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.44%	
35) Dibromofluoromethane	7.88	113	116676	53.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.86%	
50) Toluene-d8	10.33	98	440118	53.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.88%	
62) 4-Bromofluorobenzene	12.62	95	150106	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	30273m	25.017	ug/l	
3) Chloromethane	2.21	50	32870	21.954	ug/l	99
4) Vinyl Chloride	2.37	62	48949	23.414	ug/l	97
5) Bromomethane	2.78	94	41595	23.708	ug/l	100
6) Chloroethane	2.93	64	32465	22.226	ug/l	95
7) Trichlorofluoromethane	3.26	101	38039	20.605	ug/l	99
8) Diethyl Ether	3.68	74	20846	20.657	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.07	101	43214	21.921	ug/l	97
10) Methyl Iodide	4.26	142	74807	20.929	ug/l	99
11) Tert butyl alcohol	5.17	59	14760	136.528	ug/l #	86
12) 1,1-Dichloroethene	4.03	96	40964	21.515	ug/l	99
13) Acrolein	3.89	56	15326	112.714	ug/l	96
14) Allyl chloride	4.67	41	51773	20.831	ug/l	100
15) Acrylonitrile	5.37	53	41809	115.546	ug/l	100
16) Acetone	4.12	43	39526	122.012	ug/l	97
17) Carbon Disulfide	4.37	76	117812	21.744	ug/l	100
18) Methyl Acetate	4.67	43	20952	22.492	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	61121	21.566	ug/l	99
20) Methylene Chloride	4.92	84	47080	18.684	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	45695	21.209	ug/l	90
22) Diisopropyl ether	6.32	45	116209	22.428	ug/l	98
23) Vinyl Acetate	6.26	43	315457	109.789	ug/l	97
24) 1,1-Dichloroethane	6.22	63	75702	21.558	ug/l	98
25) 2-Butanone	7.18	43	55295	119.618	ug/l	98
26) 2,2-Dichloropropane	7.16	77	43726	20.671	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	51978	21.564	ug/l	99
28) Bromochloromethane	7.52	49	30077	21.570	ug/l	97
29) Tetrahydrofuran	7.53	42	34298	117.962	ug/l	99
30) Chloroform	7.68	83	83401	21.663	ug/l	99
31) Cyclohexane	7.95	56	66476	20.799	ug/l	96
32) 1,1,1-Trichloroethane	7.88	97	70129	21.526	ug/l	98
36) 1,1-Dichloropropene	8.09	75	61989	20.447	ug/l	100
37) Ethyl Acetate	7.26	43	24634	23.447	ug/l	97
38) Carbon Tetrachloride	8.07	117	65872	20.793	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	76597	19.909	ug/l	99
40) Benzene	8.32	78	184476	21.423	ug/l	99
41) Methacrylonitrile	7.49	41	14528	22.551	ug/l	94
42) 1,2-Dichloroethane	8.40	62	52702	21.340	ug/l	100
43) Isopropyl Acetate	8.43	43	46414	22.139	ug/l	97
44) Trichloroethene	9.09	130	54121	20.367	ug/l	97
45) 1,2-Dichloropropane	9.37	63	42878	21.396	ug/l	99
46) Dibromomethane	9.46	93	24289	20.618	ug/l	97
47) Bromodichloromethane	9.65	83	57266	20.936	ug/l	99
48) Methyl methacrylate	9.44	41	21914	21.695	ug/l	100
49) 1,4-Dioxane	9.45	88	7850	455.329	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	118488	110.044	ug/l	98
52) Toluene	10.39	92	118716	20.554	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	54124	20.560	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	64441	20.715	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	35305	21.122	ug/l	98
56) Ethyl methacrylate	10.65	69	39380	20.729	ug/l	96
57) 1,3-Dichloropropane	10.93	76	57705	21.261	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	93275	101.002	ug/l	100
59) 2-Hexanone	10.98	43	82440	112.729	ug/l	98
60) Dibromochloromethane	11.13	129	40180	20.289	ug/l	100
61) 1,2-Dibromoethane	11.24	107	34429	20.742	ug/l	100
64) Tetrachloroethene	10.87	164	51864	20.428	ug/l	98
65) Chlorobenzene	11.66	112	137298	20.486	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	48714	20.680	ug/l	98
67) Ethyl Benzene	11.74	91	226760	20.243	ug/l	96
68) m/p-Xylenes	11.84	106	180497	40.330	ug/l	99
69) o-Xylene	12.17	106	84931	19.933	ug/l	97
70) Styrene	12.18	104	141779	20.410	ug/l	99
71) Bromoform	12.35	173	25115	20.113	ug/l #	99
73) Isopropylbenzene	12.47	105	234257	19.804	ug/l	100
74) N-amyl acetate	12.27	43	42963	21.018	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	39829	21.318	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	26177m	18.684	ug/l	
77) Bromobenzene	12.75	156	63372	20.692	ug/l	99
78) n-propylbenzene	12.81	91	279322	20.529	ug/l	99
79) 2-Chlorotoluene	12.90	91	155360	19.896	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	199017	20.026	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	9620	19.497	ug/l	97
82) 4-Chlorotoluene	12.99	91	170533	20.643	ug/l	97
83) tert-Butylbenzene	13.21	119	176513	19.917	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	208911	20.495	ug/l	99
85) sec-Butylbenzene	13.39	105	248472	20.018	ug/l	100
86) p-Isopropyltoluene	13.51	119	220400	19.515	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	123575	20.488	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	124804	20.875	ug/l	98
89) n-Butylbenzene	13.83	91	198558	19.805	ug/l	100
90) Hexachloroethane	14.10	117	38108	20.530	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	111894	20.624	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6376	21.032	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	81026	20.085	ug/l	99
94) Hexachlorobutadiene	15.24	225	50443	20.062	ug/l	98
95) Naphthalene	15.38	128	132151	20.382	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	72384	20.415	ug/l	99

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

