

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110218\
 Data File : VW006554.D
 Acq On : 01 Nov 2018 13:05
 Operator : SY/AP
 Sample : VW1102SBSD01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1102SBSD01

Manual Integrations
 APPROVED

apatel
 11/2/2018 3:20:57 PM

Quant Time: Nov 01 13:41:03 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	298899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	413155	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	375293	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	208813	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	117408	45.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.40%	
35) Dibromofluoromethane	7.89	113	126998	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
50) Toluene-d8	10.33	98	490341	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
62) 4-Bromofluorobenzene	12.62	95	173925	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34700	22.395	ug/l	96
3) Chloromethane	2.21	50	40576	21.165	ug/l	100
4) Vinyl Chloride	2.37	62	58337	21.793	ug/l	97
5) Bromomethane	2.78	94	47439	21.116	ug/l	98
6) Chloroethane	2.93	64	37906	20.266	ug/l	99
7) Trichlorofluoromethane	3.26	101	53676	22.706	ug/l	98
8) Diethyl Ether	3.68	74	24578	19.020	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	55080	21.820	ug/l	100
10) Methyl Iodide	4.26	142	91071	19.898	ug/l	99
11) Tert butyl alcohol	5.20	59	13265	95.823	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	50885	20.871	ug/l	98
13) Acrolein	3.89	56	17874	102.659	ug/l	99
14) Allyl chloride	4.67	41	65055	20.442	ug/l	99
15) Acrylonitrile	5.37	53	44415	95.860	ug/l	99
16) Acetone	4.13	43	54444	131.249	ug/l	99
17) Carbon Disulfide	4.38	76	148012	21.334	ug/l	99
18) Methyl Acetate	4.68	43	22051	18.487	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	70711	19.485	ug/l	96
20) Methylene Chloride	4.91	84	54370	16.185	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	56403	20.445	ug/l	97
22) Diisopropyl ether	6.32	45	130111	19.611	ug/l	99
23) Vinyl Acetate	6.26	43	360157	97.890	ug/l	98
24) 1,1-Dichloroethane	6.22	63	89221	19.842	ug/l	99
25) 2-Butanone	7.18	43	63273	106.894	ug/l	99
26) 2,2-Dichloropropane	7.17	77	62045	22.906	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	60812	19.703	ug/l	99
28) Bromochloromethane	7.51	49	32742	18.338	ug/l	99
29) Tetrahydrofuran	7.54	42	34727	93.275	ug/l	99
30) Chloroform	7.68	83	95614	19.395	ug/l	96
31) Cyclohexane	7.96	56	85745	20.952	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	86952	20.844	ug/l	99
36) 1,1-Dichloropropene	8.09	75	77305	21.277	ug/l	99
37) Ethyl Acetate	7.26	43	24648	19.576	ug/l	98
38) Carbon Tetrachloride	8.07	117	83216	21.919	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	102772	22.290	ug/l	99
40) Benzene	8.33	78	214919	20.826	ug/l	99
41) Methacrylonitrile	7.49	41	14065	18.217	ug/l	96
42) 1,2-Dichloroethane	8.40	62	59302	20.037	ug/l	99
43) Isopropyl Acetate	8.43	43	49716	19.787	ug/l	99
44) Trichloroethene	9.10	130	66769	20.966	ug/l	98
45) 1,2-Dichloropropane	9.37	63	49197	20.485	ug/l	99
46) Dibromomethane	9.46	93	27867	19.739	ug/l	100
47) Bromodichloromethane	9.65	83	65934	20.114	ug/l	99
48) Methyl methacrylate	9.44	41	23751	19.621	ug/l	99
49) 1,4-Dioxane	9.47	88	8557	414.160	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	124646	96.596	ug/l	99
52) Toluene	10.39	92	142314	20.560	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	64448	20.429	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	75803	20.333	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	39564	19.751	ug/l	96
56) Ethyl methacrylate	10.65	69	44531	19.559	ug/l	99
57) 1,3-Dichloropropane	10.93	76	64748	19.906	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	109955	99.351	ug/l	99
59) 2-Hexanone	10.98	43	94388	107.698	ug/l	97
60) Dibromochloromethane	11.13	129	46746	19.697	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38712	19.461	ug/l	99
64) Tetrachloroethene	10.87	164	59884	20.017	ug/l	98
65) Chlorobenzene	11.66	112	165679	20.979	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.74	131	57127	20.581	ug/l	99
67) Ethyl Benzene	11.74	91	282047	21.367	ug/l	100
68) m/p-Xylenes	11.84	106	224853	42.637	ug/l	100
69) o-Xylene	12.17	106	106066	21.126	ug/l	100
70) Styrene	12.19	104	167820	20.502	ug/l	99
71) Bromoform	12.35	173	28647	19.469	ug/l #	99
73) Isopropylbenzene	12.47	105	296148	21.529	ug/l	100
74) N-amyl acetate	12.28	43	46367	19.507	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	43682	20.106	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	34199m	20.991	ug/l	
77) Bromobenzene	12.75	156	73862	20.739	ug/l	100
78) n-propylbenzene	12.81	91	344554	21.777	ug/l	100
79) 2-Chlorotoluene	12.90	91	191436	21.083	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	247677	21.432	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11457	19.903	ug/l	96
82) 4-Chlorotoluene	12.99	91	204222	21.259	ug/l	99
83) tert-Butylbenzene	13.21	119	222491	21.589	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	253227	21.363	ug/l	99
85) sec-Butylbenzene	13.39	105	315353	21.848	ug/l	100
86) p-Isopropyltoluene	13.51	119	286746	21.833	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	146278	20.855	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	146839	21.120	ug/l	99
89) n-Butylbenzene	13.83	91	260051	22.306	ug/l	99
90) Hexachloroethane	14.10	117	45955	21.290	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	129592	20.540	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6858	19.454	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	100027	21.322	ug/l	100
94) Hexachlorobutadiene	15.24	225	64140	21.937	ug/l	99
95) Naphthalene	15.38	128	150194	19.920	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	84889	20.589	ug/l	99

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

