

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101118\
 Data File : VW006001.D
 Acq On : 10 Oct 2018 22:32
 Operator : SY/AP
 Sample : VW1011SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1011SBS01

Manual Integrations
 APPROVED

apatel
 10/11/2018 2:21:12 PM

Quant Time: Oct 11 05:58:25 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	215295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	324525	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299713	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	164749	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	104003	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	
35) Dibromofluoromethane	7.89	113	104455	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	10.33	98	401749	50.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.80%	
62) 4-Bromofluorobenzene	12.62	95	147502	48.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20814	19.728	ug/l	93
3) Chloromethane	2.21	50	26435	21.301	ug/l	98
4) Vinyl Chloride	2.37	62	40587	20.601	ug/l	96
5) Bromomethane	2.78	94	39814	25.605	ug/l	97
6) Chloroethane	2.93	64	29894	23.815	ug/l	99
7) Trichlorofluoromethane	3.25	101	30453	19.472	ug/l	98
8) Diethyl Ether	3.68	74	21032	21.852	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	37309	18.904	ug/l	99
10) Methyl Iodide	4.27	142	63630	19.714	ug/l	99
11) Tert butyl alcohol	5.22	59	13824	90.250	ug/l	96
12) 1,1-Dichloroethene	4.04	96	36006	18.998	ug/l	96
13) Acrolein	3.89	56	12486	91.473	ug/l	94
14) Allyl chloride	4.66	41	51012	15.783	ug/l	95
15) Acrylonitrile	5.37	53	42230	100.818	ug/l	100
16) Acetone	4.14	43	35435	84.881	ug/l	96
17) Carbon Disulfide	4.38	76	91944	16.047	ug/l	98
18) Methyl Acetate	4.68	43	19185	18.211	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	60275	20.442	ug/l	98
20) Methylene Chloride	4.91	84	59361	28.381	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	40853	19.777	ug/l	99
22) Diisopropyl ether	6.31	45	111467	18.449	ug/l	98
23) Vinyl Acetate	6.26	43	340433	91.546	ug/l	99
24) 1,1-Dichloroethane	6.21	63	70467	19.059	ug/l	99
25) 2-Butanone	7.18	43	56164	94.588	ug/l	97
26) 2,2-Dichloropropane	7.17	77	41694	16.023	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	47600	20.376	ug/l	94
28) Bromochloromethane	7.51	49	27448	20.112	ug/l	90
29) Tetrahydrofuran	7.54	42	36912	98.339	ug/l	98
30) Chloroform	7.68	83	76635	20.179	ug/l	96
31) Cyclohexane	7.95	56	62273	17.019	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	62802	18.569	ug/l	99
36) 1,1-Dichloropropene	8.08	75	58092	18.682	ug/l	99
37) Ethyl Acetate	7.26	43	25610	19.448	ug/l	99
38) Carbon Tetrachloride	8.07	117	59071	17.681	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	73243	17.858	ug/l	97
40) Benzene	8.32	78	164860	19.371	ug/l	99
41) Methacrylonitrile	7.49	41	14258	17.295	ug/l	91
42) 1,2-Dichloroethane	8.40	62	49772	19.357	ug/l	98
43) Isopropyl Acetate	8.43	43	50321	18.294	ug/l	97
44) Trichloroethene	9.09	130	49444	20.023	ug/l	97
45) 1,2-Dichloropropane	9.37	63	40730	19.119	ug/l	98
46) Dibromomethane	9.46	93	23429	20.010	ug/l	97
47) Bromodichloromethane	9.65	83	54416	18.469	ug/l	97
48) Methyl methacrylate	9.44	41	23642	18.042	ug/l	91
49) 1,4-Dioxane	9.47	88	7855	441.670	ug/l #	96
51) 4-Methyl-2-Pentanone	10.21	43	129422	96.619	ug/l	97
52) Toluene	10.39	92	108834	19.465	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	51754	16.808	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	61071	17.645	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	33819	20.854	ug/l	98
56) Ethyl methacrylate	10.65	69	42186	19.300	ug/l	95
57) 1,3-Dichloropropane	10.93	76	56250	20.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	89071	100.150	ug/l	99
59) 2-Hexanone	10.98	43	88504	92.149	ug/l	95
60) Dibromochloromethane	11.13	129	38639	18.463	ug/l	99
61) 1,2-Dibromoethane	11.24	107	33683	20.785	ug/l	99
64) Tetrachloroethene	10.87	164	45845	20.535	ug/l	98
65) Chlorobenzene	11.66	112	129434	20.161	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44238	18.799	ug/l	99
67) Ethyl Benzene	11.73	91	216068	19.054	ug/l	99
68) m/p-Xylenes	11.84	106	170486	38.472	ug/l	98
69) o-Xylene	12.17	106	82365	19.414	ug/l	98
70) Styrene	12.18	104	135623	19.267	ug/l	98
71) Bromoform	12.35	173	24376	17.390	ug/l #	98
73) Isopropylbenzene	12.47	105	226156	18.796	ug/l	100
74) N-amyl acetate	12.28	43	50271	17.593	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	39021	19.787	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29981m	20.372	ug/l	
77) Bromobenzene	12.75	156	57565	20.194	ug/l	95
78) n-propylbenzene	12.81	91	264877	18.714	ug/l	99
79) 2-Chlorotoluene	12.90	91	150530	18.840	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	190469	18.751	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9815	14.080	ug/l	95
82) 4-Chlorotoluene	12.99	91	159773	19.007	ug/l	98
83) tert-Butylbenzene	13.21	119	172081	19.047	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	197421	19.267	ug/l	100
85) sec-Butylbenzene	13.39	105	241967	19.080	ug/l	99
86) p-Isopropyltoluene	13.51	119	217121	19.038	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	113548	20.050	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	111693	19.847	ug/l	99
89) n-Butylbenzene	13.83	91	200287	18.631	ug/l	98
90) Hexachloroethane	14.10	117	34874	16.259	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	103280	20.541	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6578	17.898	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	77252	19.816	ug/l	99
94) Hexachlorobutadiene	15.24	225	45053	18.514	ug/l	100
95) Naphthalene	15.38	128	140775	20.949	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	69152	20.486	ug/l	100

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

