

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW110518\
 Data File : VW006628.D
 Acq On : 05 Nov 2018 11:49
 Operator : SY/AP
 Sample : VW1105SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1105SBS01

Manual Integrations
 APPROVED

apatel
 11/6/2018 8:13:21 AM

Quant Time: Nov 05 14:44:21 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	267615	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	363087	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	331072	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	188533	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107196	46.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.20%	
35) Dibromofluoromethane	7.88	113	117386	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
50) Toluene-d8	10.32	98	458541	52.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.72%	
62) 4-Bromofluorobenzene	12.62	95	159825	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	34500	24.868	ug/l	97
3) Chloromethane	2.21	50	35408	20.628	ug/l	100
4) Vinyl Chloride	2.37	62	54303	22.657	ug/l	100
5) Bromomethane	2.79	94	43493	21.623	ug/l	99
6) Chloroethane	2.93	64	35078	20.947	ug/l	97
7) Trichlorofluoromethane	3.26	101	45026	21.274	ug/l	93
8) Diethyl Ether	3.68	74	23007	19.886	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	51622	22.841	ug/l	99
10) Methyl Iodide	4.26	142	83062	20.269	ug/l	99
11) Tert butyl alcohol	5.23	59	9630	77.696	ug/l #	95
12) 1,1-Dichloroethene	4.03	96	47448	21.737	ug/l	96
13) Acrolein	3.90	56	13062	83.791	ug/l	99
14) Allyl chloride	4.67	41	59406	20.849	ug/l	99
15) Acrylonitrile	5.37	53	36863	88.861	ug/l	97
16) Acetone	4.14	43	46155	124.273	ug/l	100
17) Carbon Disulfide	4.37	76	141055	22.708	ug/l	100
18) Methyl Acetate	4.67	43	18885	17.683	ug/l	97
19) Methyl tert-butyl Ether	5.43	73	58564	18.024	ug/l	100
20) Methylene Chloride	4.91	84	53203	18.320	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	51999	21.052	ug/l	95
22) Diisopropyl ether	6.31	45	115027	19.364	ug/l	97
23) Vinyl Acetate	6.26	43	312005	94.715	ug/l	98
24) 1,1-Dichloroethane	6.21	63	82211	20.421	ug/l	99
25) 2-Butanone	7.18	43	53267	100.509	ug/l	100
26) 2,2-Dichloropropane	7.17	77	58225	24.009	ug/l	98
27) cis-1,2-Dichloroethene	7.17	96	55526	20.093	ug/l	99
28) Bromochloromethane	7.51	49	30771	19.249	ug/l	97
29) Tetrahydrofuran	7.54	42	28507	85.519	ug/l	98
30) Chloroform	7.68	83	89835	20.353	ug/l	99
31) Cyclohexane	7.96	56	77429	21.131	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	81075	21.707	ug/l	100
36) 1,1-Dichloropropene	8.08	75	72133	22.591	ug/l	99
37) Ethyl Acetate	7.26	43	20439	18.472	ug/l	99
38) Carbon Tetrachloride	8.07	117	78449	23.513	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	92822	22.908	ug/l	99
40) Benzene	8.32	78	198640	21.902	ug/l	100
41) Methacrylonitrile	7.49	41	13383	19.724	ug/l	94
42) 1,2-Dichloroethane	8.40	62	53251	20.474	ug/l	100
43) Isopropyl Acetate	8.43	43	40784	18.471	ug/l	99
44) Trichloroethene	9.09	130	61798	22.081	ug/l	98
45) 1,2-Dichloropropane	9.37	63	45437	21.528	ug/l	99
46) Dibromomethane	9.46	93	24698	19.907	ug/l	98
47) Bromodichloromethane	9.65	83	60641	21.050	ug/l	98
48) Methyl methacrylate	9.44	41	19337	18.177	ug/l	97
49) 1,4-Dioxane	9.48	88	6206	341.791	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	104457	92.113	ug/l	99
52) Toluene	10.39	92	132985	21.862	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	59049	21.298	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	69642	21.256	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	35070	19.922	ug/l	97
56) Ethyl methacrylate	10.65	69	36139	18.062	ug/l	97
57) 1,3-Dichloropropane	10.93	76	57402	20.081	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	92829	95.443	ug/l	99
59) 2-Hexanone	10.98	43	79097	102.696	ug/l	99
60) Dibromochloromethane	11.13	129	43259	20.741	ug/l	99
61) 1,2-Dibromoethane	11.24	107	35086	20.071	ug/l	98
64) Tetrachloroethene	10.87	164	55332	20.966	ug/l	99
65) Chlorobenzene	11.66	112	151364	21.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	52643	21.499	ug/l	99
67) Ethyl Benzene	11.74	91	256242	22.005	ug/l	100
68) m/p-Xylenes	11.84	106	206095	44.300	ug/l	100
69) o-Xylene	12.17	106	95270	21.510	ug/l	99
70) Styrene	12.18	104	152746	21.153	ug/l	100
71) Bromoform	12.35	173	27115	20.890	ug/l #	100
73) Isopropylbenzene	12.47	105	268752	21.639	ug/l	100
74) N-amyl acetate	12.27	43	38408	17.896	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	38591	19.673	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	30591m	20.796	ug/l	
77) Bromobenzene	12.75	156	68049	21.162	ug/l	99
78) n-propylbenzene	12.81	91	319201	22.345	ug/l	100
79) 2-Chlorotoluene	12.90	91	174186	21.246	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	227911	21.843	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10704	20.503	ug/l	99
82) 4-Chlorotoluene	12.99	91	189281	21.823	ug/l	99
83) tert-Butylbenzene	13.21	119	205249	22.058	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	231440	21.625	ug/l	100
85) sec-Butylbenzene	13.39	105	292187	22.421	ug/l	100
86) p-Isopropyltoluene	13.51	119	263506	22.222	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	137658	21.738	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	134606	21.443	ug/l	98
89) n-Butylbenzene	13.83	91	238296	22.638	ug/l	100
90) Hexachloroethane	14.10	117	44385	22.774	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	119304	20.944	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	5688	17.871	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	90221	21.300	ug/l	99
94) Hexachlorobutadiene	15.24	225	62430	23.649	ug/l	97
95) Naphthalene	15.38	128	129740	19.058	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	77631	20.854	ug/l	100

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

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