

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005975.D
 Acq On : 10 Oct 2018 09:34
 Operator : SY/AP
 Sample : VW1010SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS02

Manual Integrations
 APPROVED

apatel
 10/11/2018 10:30:23 AM

Quant Time: Oct 10 11:21:07 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	211368	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	327369	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	299821	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	166044	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	103289	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	7.88	113	103173	49.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.72%	
50) Toluene-d8	10.33	98	388998	48.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.74%	
62) 4-Bromofluorobenzene	12.62	95	144187	47.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	20054	19.361	ug/l	92
3) Chloromethane	2.21	50	25097	20.599	ug/l	97
4) Vinyl Chloride	2.37	62	38992	20.159	ug/l	98
5) Bromomethane	2.78	94	38165	25.001	ug/l	98
6) Chloroethane	2.93	64	28878	23.433	ug/l	97
7) Trichlorofluoromethane	3.26	101	28407	18.501	ug/l	99
8) Diethyl Ether	3.68	74	21960	23.240	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	4.06	101	36524	18.850	ug/l	96
10) Methyl Iodide	4.27	142	63686	20.098	ug/l	99
11) Tert butyl alcohol	5.21	59	14189	94.354	ug/l #	93
12) 1,1-Dichloroethene	4.04	96	34767	18.685	ug/l	94
13) Acrolein	3.90	56	10367	77.360	ug/l	98
14) Allyl chloride	4.66	41	50398	15.883	ug/l	96
15) Acrylonitrile	5.38	53	40352	98.125	ug/l	99
16) Acetone	4.14	43	32886	80.238	ug/l	100
17) Carbon Disulfide	4.38	76	92134	16.378	ug/l	100
18) Methyl Acetate	4.68	43	21785	21.063	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	61045	21.088	ug/l	98
20) Methylene Chloride	4.92	84	44758	21.797	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	39906	19.677	ug/l	95
22) Diisopropyl ether	6.32	45	111303	18.764	ug/l	97
23) Vinyl Acetate	6.26	43	313712	85.928	ug/l	99
24) 1,1-Dichloroethane	6.21	63	68813	18.957	ug/l	99
25) 2-Butanone	7.18	43	53072	91.041	ug/l	98
26) 2,2-Dichloropropane	7.17	77	37810	14.800	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	46562	20.302	ug/l	95
28) Bromochloromethane	7.51	49	27640	20.629	ug/l	94
29) Tetrahydrofuran	7.54	42	35867	97.331	ug/l	97
30) Chloroform	7.68	83	74423	19.960	ug/l	98
31) Cyclohexane	7.95	56	59332	16.517	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	61976	18.665	ug/l	98
36) 1,1-Dichloropropene	8.09	75	54783	17.464	ug/l	99
37) Ethyl Acetate	7.26	43	23902	17.993	ug/l	97
38) Carbon Tetrachloride	8.07	117	57636	17.102	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	68210	16.486	ug/l	97
40) Benzene	8.32	78	160994	18.752	ug/l	99
41) Methacrylonitrile	7.49	41	14253	17.138	ug/l	92
42) 1,2-Dichloroethane	8.40	62	48784	18.808	ug/l	98
43) Isopropyl Acetate	8.43	43	48746	17.567	ug/l	97
44) Trichloroethene	9.10	130	47387	19.023	ug/l	94
45) 1,2-Dichloropropane	9.37	63	40388	18.794	ug/l	96
46) Dibromomethane	9.46	93	23101	19.559	ug/l	98
47) Bromodichloromethane	9.65	83	54234	18.247	ug/l	98
48) Methyl methacrylate	9.44	41	22984	17.388	ug/l	91
49) 1,4-Dioxane	9.48	88	7986	445.135	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	126521	93.633	ug/l	99
52) Toluene	10.39	92	105684	18.738	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	49630	15.979	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	58497	16.754	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32732	20.008	ug/l	99
56) Ethyl methacrylate	10.65	69	40873	18.537	ug/l	96
57) 1,3-Dichloropropane	10.93	76	54193	19.691	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	89079	99.289	ug/l	99
59) 2-Hexanone	10.98	43	84309	87.018	ug/l	96
60) Dibromochloromethane	11.13	129	38701	18.332	ug/l	100
61) 1,2-Dibromoethane	11.24	107	32122	19.650	ug/l	99
64) Tetrachloroethene	10.87	164	48428	21.684	ug/l	98
65) Chlorobenzene	11.66	112	125102	19.480	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	44296	18.817	ug/l	99
67) Ethyl Benzene	11.74	91	210632	18.568	ug/l	99
68) m/p-Xylenes	11.84	106	165241	37.275	ug/l	99
69) o-Xylene	12.17	106	81329	19.163	ug/l	96
70) Styrene	12.18	104	132997	18.887	ug/l	98
71) Bromoform	12.35	173	24224	17.276	ug/l #	100
73) Isopropylbenzene	12.47	105	219090	18.067	ug/l	100
74) N-amyl acetate	12.28	43	46198	16.041	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.72	83	38452	19.346	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	28909m	19.491	ug/l	
77) Bromobenzene	12.75	156	55954	19.476	ug/l	94
78) n-propylbenzene	12.81	91	253669	17.783	ug/l	99
79) 2-Chlorotoluene	12.90	91	145207	18.032	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	185582	18.127	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9313	13.255	ug/l	95
82) 4-Chlorotoluene	12.99	91	153109	18.072	ug/l	97
83) tert-Butylbenzene	13.21	119	166144	18.246	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	190227	18.420	ug/l	100
85) sec-Butylbenzene	13.39	105	231516	18.113	ug/l	100
86) p-Isopropyltoluene	13.51	119	204370	17.780	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	109817	19.240	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	108418	19.115	ug/l	99
89) n-Butylbenzene	13.83	91	188517	17.399	ug/l	99
90) Hexachloroethane	14.10	117	34650	16.028	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	99158	19.568	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6444	17.397	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	74685	19.008	ug/l	100
94) Hexachlorobutadiene	15.24	225	43280	17.647	ug/l	99
95) Naphthalene	15.38	128	138809	20.495	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	67734	19.909	ug/l	99

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

