

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101718\
 Data File : VW006146.D
 Acq On : 18 Oct 2018 01:55
 Operator : VA/AP
 Sample : VW1017SBS02
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1017SBS02

Manual Integrations
 APPROVED

apatel
 10/18/2018 4:39:52 PM

Quant Time: Oct 18 13:51:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 16 05:36:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	271097	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	395084	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	366112	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	203582	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	117301	52.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.38%	
35) Dibromofluoromethane	7.88	113	117697	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	10.33	98	439605	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
62) 4-Bromofluorobenzene	12.62	95	168027	50.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21260	15.847	ug/l	95
3) Chloromethane	2.21	50	29174	16.894	ug/l	98
4) Vinyl Chloride	2.37	62	45806	18.574	ug/l	99
5) Bromomethane	2.78	94	46143	20.571	ug/l	96
6) Chloroethane	2.93	64	33699	19.068	ug/l	92
7) Trichlorofluoromethane	3.26	101	37248	16.213	ug/l	100
8) Diethyl Ether	3.68	74	24345	19.939	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	4.06	101	47479	19.720	ug/l	100
10) Methyl Iodide	4.26	142	83752	20.900	ug/l	100
11) Tert butyl alcohol	5.23	59	14981	99.109	ug/l #	71
12) 1,1-Dichloroethene	4.04	96	45554	20.111	ug/l	95
13) Acrolein	3.89	56	14746	100.817	ug/l	100
14) Allyl chloride	4.67	41	63496	19.605	ug/l	99
15) Acrylonitrile	5.37	53	49405	112.815	ug/l	99
16) Acetone	4.13	43	42104	90.404	ug/l	97
17) Carbon Disulfide	4.37	76	123273	18.032	ug/l	97
18) Methyl Acetate	4.68	43	26374	23.318	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	73718	21.368	ug/l	95
20) Methylene Chloride	4.92	84	53521	21.580	ug/l	95
21) trans-1,2-Dichloroethene	5.42	96	52716	20.850	ug/l	98
22) Diisopropyl ether	6.32	45	136409	21.313	ug/l	99
23) Vinyl Acetate	6.26	43	391252	103.585	ug/l	100
24) 1,1-Dichloroethane	6.21	63	88447	21.417	ug/l	99
25) 2-Butanone	7.18	43	66825	110.060	ug/l	99
26) 2,2-Dichloropropane	7.17	77	51984	17.847	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	60900	21.827	ug/l	99
28) Bromochloromethane	7.51	49	30077	18.865	ug/l	96
29) Tetrahydrofuran	7.54	42	41004	109.867	ug/l	97
30) Chloroform	7.68	83	97005	21.559	ug/l	97
31) Cyclohexane	7.95	56	78102	18.990	ug/l	92
32) 1,1,1-Trichloroethane	7.87	97	81528	20.087	ug/l	99
36) 1,1-Dichloropropene	8.09	75	74512	20.461	ug/l	99
37) Ethyl Acetate	7.26	43	30430	22.491	ug/l	99
38) Carbon Tetrachloride	8.07	117	77298	19.363	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	93748	19.367	ug/l	95
40) Benzene	8.32	78	209895	21.012	ug/l	99
41) Methacrylonitrile	7.49	41	18637	22.850	ug/l	97
42) 1,2-Dichloroethane	8.40	62	64051	21.825	ug/l	100
43) Isopropyl Acetate	8.43	43	57956	20.950	ug/l	100
44) Trichloroethene	9.09	130	65180	21.268	ug/l	97
45) 1,2-Dichloropropane	9.37	63	50042	20.935	ug/l	99
46) Dibromomethane	9.46	93	29138	21.388	ug/l	99
47) Bromodichloromethane	9.65	83	67904	20.558	ug/l	98
48) Methyl methacrylate	9.44	41	28408	21.664	ug/l	99
49) 1,4-Dioxane	9.48	88	9617	458.537	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	152521	110.040	ug/l	99
52) Toluene	10.39	92	140683	21.007	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	63832	19.397	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	74116	19.624	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	41856	21.954	ug/l	98
56) Ethyl methacrylate	10.65	69	50815	21.742	ug/l	98
57) 1,3-Dichloropropane	10.93	76	68502	21.705	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	96578	108.142	ug/l	98
59) 2-Hexanone	10.98	43	105184	106.309	ug/l	100
60) Dibromochloromethane	11.13	129	47581	20.037	ug/l	100
61) 1,2-Dibromoethane	11.24	107	42368	22.241	ug/l	99
64) Tetrachloroethene	10.87	164	60743	21.372	ug/l	99
65) Chlorobenzene	11.66	112	164958	21.048	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	56846	20.410	ug/l	99
67) Ethyl Benzene	11.74	91	281775	20.746	ug/l	100
68) m/p-Xylenes	11.84	106	223806	41.689	ug/l	99
69) o-Xylene	12.17	106	106086	20.735	ug/l	100
70) Styrene	12.18	104	172228	20.701	ug/l	100
71) Bromoform	12.35	173	29801	19.183	ug/l #	100
73) Isopropylbenzene	12.47	105	294960	20.508	ug/l	100
74) N-amyl acetate	12.28	43	58785	21.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	48193	22.031	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	31321m	20.143	ug/l	
77) Bromobenzene	12.75	156	75130	21.327	ug/l	99
78) n-propylbenzene	12.81	91	342244	20.454	ug/l	100
79) 2-Chlorotoluene	12.90	91	197206	20.976	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	248315	20.480	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11096	17.058	ug/l	91
82) 4-Chlorotoluene	12.99	91	206872	21.006	ug/l	100
83) tert-Butylbenzene	13.21	119	221852	20.451	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	255709	20.842	ug/l	99
85) sec-Butylbenzene	13.39	105	312134	20.367	ug/l	100
86) p-Isopropyltoluene	13.51	119	283256	20.434	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	146759	20.933	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	146746	21.022	ug/l	100
89) n-Butylbenzene	13.83	91	256706	20.250	ug/l	99
90) Hexachloroethane	14.10	117	43441	18.501	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	133658	21.373	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7984	20.385	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	102409	21.283	ug/l	99
94) Hexachlorobutadiene	15.24	225	62010	20.515	ug/l	99
95) Naphthalene	15.38	128	176236	22.017	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	90585	21.765	ug/l	100

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

