

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW101018\
 Data File : VW005950.D
 Acq On : 09 Oct 2018 21:04
 Operator : SY/AP
 Sample : VW1010SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1010SBS01

Manual Integrations
 APPROVED

apatel
 10/10/2018 11:34:42 AM

Quant Time: Oct 10 01:19:19 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	228711	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	339206	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	310466	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	173067	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	110415	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
35) Dibromofluoromethane	7.88	113	112364	51.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.76%	
50) Toluene-d8	10.33	98	423454	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	12.62	95	155015	48.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.80%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	21315	19.018	ug/l	91
3) Chloromethane	2.21	50	25693	19.489	ug/l	99
4) Vinyl Chloride	2.37	62	43427	20.749	ug/l	99
5) Bromomethane	2.78	94	37502	22.704	ug/l	100
6) Chloroethane	2.93	64	29289	21.965	ug/l	94
7) Trichlorofluoromethane	3.25	101	32452	19.533	ug/l	95
8) Diethyl Ether	3.67	74	22101	21.615	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39830	18.997	ug/l	99
10) Methyl Iodide	4.26	142	66264	19.325	ug/l	100
11) Tert butyl alcohol	5.18	59	19505	119.869	ug/l	100
12) 1,1-Dichloroethene	4.04	96	38710	19.227	ug/l	96
13) Acrolein	3.89	56	13628	93.982	ug/l	93
14) Allyl chloride	4.66	41	57049	16.616	ug/l	95
15) Acrylonitrile	5.37	53	45038	101.215	ug/l	99
16) Acetone	4.12	43	44551	100.457	ug/l	99
17) Carbon Disulfide	4.37	76	103027	16.926	ug/l	99
18) Methyl Acetate	4.67	43	20657	18.458	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	63384	20.236	ug/l	98
20) Methylene Chloride	4.92	84	47486	21.372	ug/l	92
21) trans-1,2-Dichloroethene	5.42	96	42784	19.497	ug/l	93
22) Diisopropyl ether	6.31	45	120469	18.769	ug/l	99
23) Vinyl Acetate	6.26	43	365880	92.618	ug/l	97
24) 1,1-Dichloroethane	6.22	63	74341	18.927	ug/l	99
25) 2-Butanone	7.18	43	63860	101.240	ug/l	99
26) 2,2-Dichloropropane	7.17	77	49048	17.743	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	49774	20.057	ug/l	96
28) Bromochloromethane	7.51	49	30031	20.714	ug/l	94
29) Tetrahydrofuran	7.53	42	39105	98.071	ug/l	96
30) Chloroform	7.68	83	80777	20.022	ug/l	100
31) Cyclohexane	7.95	56	68065	17.511	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	68409	19.040	ug/l	99
36) 1,1-Dichloropropene	8.09	75	61037	18.779	ug/l	99
37) Ethyl Acetate	7.26	43	27575	20.034	ug/l	99
38) Carbon Tetrachloride	8.07	117	65853	18.858	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	77007	17.963	ug/l	99
40) Benzene	8.32	78	171681	19.299	ug/l	99
41) Methacrylonitrile	7.49	41	16774	19.466	ug/l	97
42) 1,2-Dichloroethane	8.40	62	51690	19.233	ug/l	98
43) Isopropyl Acetate	8.43	43	53764	18.699	ug/l	98
44) Trichloroethene	9.09	130	51344	19.893	ug/l	97
45) 1,2-Dichloropropane	9.37	63	42178	18.942	ug/l	99
46) Dibromomethane	9.46	93	24446	19.975	ug/l	97
47) Bromodichloromethane	9.65	83	58720	19.067	ug/l	97
48) Methyl methacrylate	9.44	41	25117	18.338	ug/l	92
49) 1,4-Dioxane	9.45	88	8845	475.811	ug/l #	92
51) 4-Methyl-2-Pentanone	10.21	43	138656	99.033	ug/l	98
52) Toluene	10.39	92	113718	19.459	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	56924	17.687	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	66249	18.312	ug/l	94
55) 1,1,2-Trichloroethane	10.79	97	34776	20.516	ug/l	100
56) Ethyl methacrylate	10.65	69	44176	19.336	ug/l	97
57) 1,3-Dichloropropane	10.93	76	56495	19.811	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	88591	95.300	ug/l	99
59) 2-Hexanone	10.97	43	96847	96.471	ug/l	97
60) Dibromochloromethane	11.13	129	42276	19.327	ug/l	99
61) 1,2-Dibromoethane	11.24	107	34739	20.509	ug/l	99
64) Tetrachloroethene	10.87	164	47162	20.393	ug/l	100
65) Chlorobenzene	11.66	112	132698	19.954	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	47536	19.501	ug/l	99
67) Ethyl Benzene	11.74	91	229148	19.508	ug/l	99
68) m/p-Xylenes	11.84	106	179006	38.995	ug/l	98
69) o-Xylene	12.17	106	86239	19.623	ug/l	99
70) Styrene	12.18	104	142841	19.590	ug/l	99
71) Bromoform	12.35	173	26843	18.487	ug/l #	99
73) Isopropylbenzene	12.47	105	239235	18.928	ug/l	100
74) N-amyl acetate	12.27	43	55065	18.344	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	41672	20.115	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31370m	20.292	ug/l	
77) Bromobenzene	12.75	156	59983	20.031	ug/l	95
78) n-propylbenzene	12.81	91	279655	18.809	ug/l	100
79) 2-Chlorotoluene	12.90	91	158503	18.885	ug/l	97
80) 1,3,5-Trimethylbenzene	12.95	105	202892	19.014	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11309	15.443	ug/l	93
82) 4-Chlorotoluene	12.99	91	168414	19.072	ug/l	98
83) tert-Butylbenzene	13.21	119	182407	19.219	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	208478	19.368	ug/l	99
85) sec-Butylbenzene	13.39	105	258570	19.409	ug/l	100
86) p-Isopropyltoluene	13.51	119	230368	19.229	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	120486	20.253	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	118997	20.129	ug/l	100
89) n-Butylbenzene	13.83	91	213424	18.899	ug/l	99
90) Hexachloroethane	14.10	117	39642	17.593	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	108840	20.607	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7140	18.494	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	82399	20.120	ug/l	100
94) Hexachlorobutadiene	15.24	225	48616	19.018	ug/l	99
95) Naphthalene	15.38	128	145506	20.612	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	72504	20.446	ug/l	100

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

