

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101818\
 Data File : VW006198.D
 Acq On : 19 Oct 2018 03:03
 Operator : VA/AP
 Sample : VW1018SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1018SBS02

Manual Integrations
 APPROVED

apatel
 10/19/2018 12:54:17 PM

Quant Time: Oct 19 08:09:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W101518S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 18 17:01:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	244832	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	360055	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	333605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	186353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	107779	53.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.20%	
35) Dibromofluoromethane	7.88	113	108342	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	10.33	98	405453	50.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.18%	
62) 4-Bromofluorobenzene	12.62	95	153967	50.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	19043m	15.72	ug/l	
3) Chloromethane	2.21	50	27405	17.57	ug/l	100
4) Vinyl Chloride	2.37	62	41654	18.70	ug/l	98
5) Bromomethane	2.78	94	41367	20.42	ug/l	98
6) Chloroethane	2.93	64	30946	19.39	ug/l	98
7) Trichlorofluoromethane	3.26	101	34158	16.46	ug/l	98
8) Diethyl Ether	3.68	74	22459	20.37	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	44285	20.37	ug/l	98
10) Methyl Iodide	4.26	142	74990	20.72	ug/l	100
11) Tert butyl alcohol	5.21	59	14141	103.59	ug/l #	87
12) 1,1-Dichloroethene	4.03	96	41406	20.24	ug/l	95
13) Acrolein	3.90	56	13380	101.29	ug/l	94
14) Allyl chloride	4.67	41	57241	19.57	ug/l	99
15) Acrylonitrile	5.37	53	45267	114.45	ug/l	99
16) Acetone	4.14	43	40317	96.80	ug/l	96
17) Carbon Disulfide	4.38	76	106528	17.25	ug/l	95
18) Methyl Acetate	4.68	43	24254	23.74	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	67777	21.75	ug/l	95
20) Methylene Chloride	4.92	84	52633	23.65	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	48984	21.45	ug/l	97
22) Diisopropyl ether	6.32	45	125886	21.78	ug/l	99
23) Vinyl Acetate	6.26	43	354582	103.95	ug/l	100
24) 1,1-Dichloroethane	6.21	63	81221	21.78	ug/l	99
25) 2-Butanone	7.18	43	60240	109.86	ug/l	99
26) 2,2-Dichloropropane	7.17	77	47231	17.95	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	56294	22.34	ug/l	98
28) Bromochloromethane	7.51	49	27782	19.29	ug/l	99
29) Tetrahydrofuran	7.54	42	37153	110.23	ug/l	99
30) Chloroform	7.68	83	90558	22.29	ug/l	98
31) Cyclohexane	7.95	56	71815	19.34	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	74332	20.28	ug/l	98
36) 1,1-Dichloropropene	8.09	75	67883	20.45	ug/l	100
37) Ethyl Acetate	7.26	43	26623	21.59	ug/l	99
38) Carbon Tetrachloride	8.07	117	69694	19.16	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	86136	19.53	ug/l	98
40) Benzene	8.32	78	194538	21.37	ug/l	100
41) Methacrylonitrile	7.49	41	15264	20.54	ug/l	94
42) 1,2-Dichloroethane	8.40	62	59139	22.11	ug/l	100
43) Isopropyl Acetate	8.43	43	52017	20.63	ug/l	99
44) Trichloroethene	9.09	130	60122	21.53	ug/l	99
45) 1,2-Dichloropropane	9.37	63	47152	21.65	ug/l	97
46) Dibromomethane	9.46	93	27478	22.13	ug/l	98
47) Bromodichloromethane	9.65	83	60293	20.03	ug/l	100
48) Methyl methacrylate	9.44	41	24994	20.91	ug/l	92
49) 1,4-Dioxane	9.47	88	8931	467.26	ug/l #	97
51) 4-Methyl-2-Pentanone	10.21	43	137447	108.81	ug/l	99
52) Toluene	10.39	92	130030	21.31	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	56761	18.93	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	67847	19.71	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	38221	22.00	ug/l	97
56) Ethyl methacrylate	10.65	69	45213	21.23	ug/l	98
57) 1,3-Dichloropropane	10.93	76	63837	22.20	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	90814	111.58	ug/l	99
59) 2-Hexanone	10.98	43	93144	103.30	ug/l	98
60) Dibromochloromethane	11.13	129	42654	19.71	ug/l	99
61) 1,2-Dibromoethane	11.24	107	38157	21.98	ug/l	100
64) Tetrachloroethene	10.87	164	56222	21.71	ug/l	98
65) Chlorobenzene	11.66	112	153880	21.55	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	52043	20.51	ug/l	99
67) Ethyl Benzene	11.74	91	264013	21.33	ug/l	99
68) m/p-Xylenes	11.84	106	204628	41.83	ug/l	99
69) o-Xylene	12.17	106	99265	21.29	ug/l	98
70) Styrene	12.18	104	161952	21.36	ug/l	100
71) Bromoform	12.35	173	25558	18.05	ug/l #	99
73) Isopropylbenzene	12.47	105	275408	20.92	ug/l	100
74) N-amyl acetate	12.28	43	52133	20.39	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	43466	21.71	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	28664m	20.14	ug/l	
77) Bromobenzene	12.75	156	68426	21.22	ug/l	99
78) n-propylbenzene	12.81	91	320053	20.90	ug/l	100
79) 2-Chlorotoluene	12.90	91	184046	21.39	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	233801	21.07	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	9347	15.70	ug/l	86
82) 4-Chlorotoluene	12.99	91	193772	21.49	ug/l	99
83) tert-Butylbenzene	13.21	119	206927	20.84	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	238204	21.21	ug/l	99
85) sec-Butylbenzene	13.39	105	290709	20.72	ug/l	100
86) p-Isopropyltoluene	13.51	119	264398	20.84	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	137482	21.42	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	138139	21.62	ug/l	100
89) n-Butylbenzene	13.83	91	239829	20.67	ug/l	100
90) Hexachloroethane	14.10	117	38527	17.93	ug/l	97
91) 1,2-Dichlorobenzene	13.88	146	124834	21.81	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6667	18.60	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	94082	21.36	ug/l	100
94) Hexachlorobutadiene	15.24	225	57281	20.70	ug/l	99
95) Naphthalene	15.38	128	160589	21.92	ug/l	100
96) 1,2,3-Trichlorobenzene	15.57	180	83772	21.99	ug/l	99

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

