

Data File : VW012686.D
Acq On : 06 Sep 2019 12:58
Operator : SY/VA
Sample : VW0906SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Manual Integrations
APPROVED

MMDadoda
9/9/2019 4:45:09 AM

Quant Time: Sep 07 05:28:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W082319S.M
Quant Title : SW846 8260
QLast Update : Mon Aug 26 07:18:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	231814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	354577	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	308537	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	150687	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	136455	49.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.04%	
35) Dibromofluoromethane	7.88	113	106936	50.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.06%	
50) Toluene-d8	10.32	98	414471	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
62) 4-Bromofluorobenzene	12.62	95	148965	49.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	37029	25.942	ug/l	95
3) Chloromethane	2.20	50	43595	19.714	ug/l	96
4) Vinyl Chloride	2.36	62	48152	17.790	ug/l	93
5) Bromomethane	2.77	94	26412	19.268	ug/l	92
6) Chloroethane	2.90	64	27112	17.756	ug/l	99
7) Trichlorofluoromethane	3.24	101	34301	25.238	ug/l	92
8) Diethyl Ether	3.67	74	28839	22.355	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	53182	23.021	ug/l	97
10) Methyl Iodide	4.26	142	65478	20.948	ug/l	98
11) Tert butyl alcohol	5.20	59	17680	106.611	ug/l #	88
12) 1,1-Dichloroethene	4.03	96	49813	21.423	ug/l	96
13) Acrolein	3.89	56	9600	61.497	ug/l	100
14) Allyl chloride	4.66	41	102908	20.702	ug/l	98
15) Acrylonitrile	5.37	53	68637	107.342	ug/l	98
16) Acetone	4.14	43	67525	95.860	ug/l	95
17) Carbon Disulfide	4.37	76	109732	15.615	ug/l	99
18) Methyl Acetate	4.67	43	35136	20.139	ug/l	97
19) Methyl tert-butyl Ether	5.42	73	90109	23.964	ug/l	97
20) Methylene Chloride	4.91	84	62055	23.303	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	52567	21.082	ug/l	96
22) Diisopropyl ether	6.31	45	200207	21.728	ug/l	99
23) Vinyl Acetate	6.25	43	602826	106.309	ug/l	99
24) 1,1-Dichloroethane	6.21	63	111996	22.324	ug/l	99
25) 2-Butanone	7.17	43	96805	101.131	ug/l	97
26) 2,2-Dichloropropane	7.16	77	68558	24.143	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	59431	22.309	ug/l	99
28) Bromochloromethane	7.51	49	38457	17.587	ug/l	91
29) Tetrahydrofuran	7.53	42	57866	100.761	ug/l	96
30) Chloroform	7.67	83	108393	23.615	ug/l	99
31) Cyclohexane	7.95	56	95700	19.280	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	84103	23.162	ug/l	99
36) 1,1-Dichloropropene	8.08	75	80415	21.946	ug/l	98
37) Ethyl Acetate	7.25	43	43652	21.740	ug/l	99
38) Carbon Tetrachloride	8.06	117	77782	24.526	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	90520	21.990	ug/l	97
40) Benzene	8.32	78	222970	22.285	ug/l	100
41) Methacrylonitrile	7.48	41	26533	22.483	ug/l	94
42) 1,2-Dichloroethane	8.40	62	75914	24.209	ug/l	98
43) Isopropyl Acetate	8.43	43	81840	22.004	ug/l	99
44) Trichloroethene	9.09	130	55665	22.886	ug/l	99
45) 1,2-Dichloropropane	9.37	63	59237	21.999	ug/l	97
46) Dibromomethane	9.46	93	27492	22.947	ug/l	96
47) Bromodichloromethane	9.64	83	76894	24.116	ug/l	98
48) Methyl methacrylate	9.43	41	38271	21.620	ug/l	95
49) 1,4-Dioxane	9.47	88	7700	419.825	ug/l #	78
51) 4-Methyl-2-Pentanone	10.21	43	208825	110.389	ug/l	99
52) Toluene	10.38	92	134736	22.416	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	74641	22.981	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	87163	22.226	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	39363	23.222	ug/l	98
56) Ethyl methacrylate	10.65	69	54433	22.064	ug/l	99
57) 1,3-Dichloropropane	10.93	76	74840	23.363	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	133140	105.153	ug/l	100
59) 2-Hexanone	10.97	43	145272	108.532	ug/l	99
60) Dibromochloromethane	11.13	129	43081	22.818	ug/l	99
61) 1,2-Dibromoethane	11.23	107	36401	23.050	ug/l	97
64) Tetrachloroethene	10.86	164	46803	23.398	ug/l	98
65) Chlorobenzene	11.66	112	140116	23.063	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	51987	24.529	ug/l	99
67) Ethyl Benzene	11.73	91	271508	23.200	ug/l	97
68) m/p-Xylenes	11.84	106	195041	46.266	ug/l	100
69) o-Xylene	12.16	106	91844	23.540	ug/l	100
70) Styrene	12.18	104	161353	23.892	ug/l	100
71) Bromoform	12.35	173	25556	24.201	ug/l #	99
73) Isopropylbenzene	12.46	105	261711	23.178	ug/l	99
74) N-amyl acetate	12.27	43	72430	21.232	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	45478	21.970	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	30873m	21.037	ug/l	
77) Bromobenzene	12.74	156	57908	23.706	ug/l	93
78) n-propylbenzene	12.80	91	317771	23.053	ug/l	99
79) 2-Chlorotoluene	12.89	91	183736	23.478	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	225323	23.882	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14863	22.205	ug/l	97
82) 4-Chlorotoluene	12.99	91	172215	21.016	ug/l	99
83) tert-Butylbenzene	13.21	119	192646	24.104	ug/l	98
84) 1,2,4-Trimethylbenzene	13.25	105	225518	23.795	ug/l	99
85) sec-Butylbenzene	13.38	105	269776	23.561	ug/l	100
86) p-Isopropyltoluene	13.50	119	242861	23.750	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	113714	23.800	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	112222	23.655	ug/l	98
89) n-Butylbenzene	13.82	91	238965	23.500	ug/l	99
90) Hexachloroethane	14.09	117	42499	23.689	ug/l	92
91) 1,2-Dichlorobenzene	13.87	146	101362	24.183	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7682	22.013	ug/l	96

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Quantitation Report (QT Reviewed)

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	70829	24.453	ug/l	98
94) Hexachlorobutadiene	15.24	225	49925	26.103	ug/l	97
95) Naphthalene	15.36	128	114448	22.717	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	62284	24.646	ug/l	100

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

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