

Data File : VW012684.D
Acq On : 06 Sep 2019 12:06
Operator : SY/VA
Sample : VW0906SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS01

Manual Integrations
APPROVED

MMDadoda
9/9/2019 4:45:08 AM

Quant Time: Sep 07 05:24:17 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	240106	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	355529	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	313850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	159909	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	133393	46.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.46%	
35) Dibromofluoromethane	7.88	113	105574	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
50) Toluene-d8	10.32	98	393786	45.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.52%	
62) 4-Bromofluorobenzene	12.62	95	149461	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	35892	24.277	ug/l	97
3) Chloromethane	2.21	50	40420	17.647	ug/l	96
4) Vinyl Chloride	2.35	62	46545	16.603	ug/l	100
5) Bromomethane	2.77	94	23126	16.288	ug/l	99
6) Chloroethane	2.90	64	24499	15.491	ug/l	95
7) Trichlorofluoromethane	3.23	101	28814	20.469	ug/l	96
8) Diethyl Ether	3.67	74	24381	18.247	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.04	101	47719	19.943	ug/l	98
10) Methyl Iodide	4.26	142	57591	17.788	ug/l	97
11) Tert butyl alcohol	5.23	59	13833	80.533	ug/l #	88
12) 1,1-Dichloroethene	4.02	96	43960	18.253	ug/l	96
13) Acrolein	3.90	56	10314	63.789	ug/l	97
14) Allyl chloride	4.65	41	87378	16.971	ug/l	95
15) Acrylonitrile	5.37	53	60817	91.828	ug/l	98
16) Acetone	4.14	43	59287	81.258	ug/l	95
17) Carbon Disulfide	4.37	76	90477	12.431	ug/l	99
18) Methyl Acetate	4.67	43	31902	17.654	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	81939	21.038	ug/l	97
20) Methylene Chloride	4.90	84	55000	19.940	ug/l	99
21) trans-1,2-Dichloroethene	5.40	96	46687	18.077	ug/l	95
22) Diisopropyl ether	6.30	45	173288	18.157	ug/l	96
23) Vinyl Acetate	6.24	43	503236	85.681	ug/l	99
24) 1,1-Dichloroethane	6.21	63	93360	17.966	ug/l	99
25) 2-Butanone	7.17	43	80917	81.614	ug/l	98
26) 2,2-Dichloropropane	7.16	77	57041	19.394	ug/l	100
27) cis-1,2-Dichloroethene	7.16	96	51662	18.723	ug/l	99
28) Bromochloromethane	7.51	49	40298	17.793	ug/l	92
29) Tetrahydrofuran	7.53	42	50436	84.790	ug/l	97
30) Chloroform	7.67	83	90630	19.063	ug/l	97
31) Cyclohexane	7.95	56	88600	17.234	ug/l #	96
32) 1,1,1-Trichloroethane	7.87	97	75283	20.017	ug/l	99
36) 1,1-Dichloropropene	8.07	75	72298	19.678	ug/l	100
37) Ethyl Acetate	7.26	43	37924	18.837	ug/l	98
38) Carbon Tetrachloride	8.07	117	69921	21.988	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	78888	19.113	ug/l	99
40) Benzene	8.32	78	198870	19.823	ug/l	99
41) Methacrylonitrile	7.48	41	24531	20.731	ug/l	95
42) 1,2-Dichloroethane	8.40	62	67494	21.467	ug/l	99
43) Isopropyl Acetate	8.42	43	69668	18.682	ug/l	97
44) Trichloroethene	9.09	130	49463	20.282	ug/l	95
45) 1,2-Dichloropropane	9.37	63	52495	19.443	ug/l	95
46) Dibromomethane	9.45	93	24705	20.566	ug/l	97
47) Bromodichloromethane	9.64	83	65391	20.453	ug/l	99
48) Methyl methacrylate	9.43	41	32138	18.107	ug/l	92
49) 1,4-Dioxane	9.48	88	6445	350.458	ug/l #	1
51) 4-Methyl-2-Pentanone	10.21	43	181029	95.439	ug/l	99
52) Toluene	10.38	92	119939	19.901	ug/l	98
53) t-1,3-Dichloropropene	10.60	75	65067	19.980	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	76220	19.383	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	35801	21.064	ug/l	98
56) Ethyl methacrylate	10.64	69	48421	19.574	ug/l	99
57) 1,3-Dichloropropane	10.93	76	65102	20.269	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	131178	103.326	ug/l	97
59) 2-Hexanone	10.97	43	123446	91.979	ug/l	100
60) Dibromochloromethane	11.13	129	39606	20.921	ug/l	98
61) 1,2-Dibromoethane	11.23	107	31988	20.202	ug/l	100
64) Tetrachloroethene	10.86	164	40685	19.995	ug/l	97
65) Chlorobenzene	11.65	112	126271	20.432	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	45195	20.963	ug/l	99
67) Ethyl Benzene	11.73	91	241174	20.259	ug/l	99
68) m/p-Xylenes	11.83	106	174879	40.781	ug/l	98
69) o-Xylene	12.16	106	79884	20.128	ug/l	98
70) Styrene	12.18	104	144647	21.056	ug/l	99
71) Bromoform	12.35	173	22850	21.273	ug/l #	97
73) Isopropylbenzene	12.46	105	234987	19.611	ug/l	98
74) N-amyl acetate	12.27	43	65095	17.981	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	39934	18.179	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	27240m	17.491	ug/l	
77) Bromobenzene	12.74	156	49855	19.233	ug/l	95
78) n-propylbenzene	12.80	91	280089	19.148	ug/l	99
79) 2-Chlorotoluene	12.89	91	160864	19.370	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	201637	20.139	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	12052	16.967	ug/l	90
82) 4-Chlorotoluene	12.99	91	171040	19.669	ug/l	98
83) tert-Butylbenzene	13.21	119	175375	20.678	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	198266	19.713	ug/l	100
85) sec-Butylbenzene	13.38	105	243976	20.079	ug/l	99
86) p-Isopropyltoluene	13.49	119	222660	20.519	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	102595	20.235	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	103215	20.502	ug/l	100
89) n-Butylbenzene	13.82	91	213830	19.815	ug/l	100
90) Hexachloroethane	14.09	117	36401	19.120	ug/l	89
91) 1,2-Dichlorobenzene	13.87	146	91473	20.565	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7215	19.483	ug/l	95

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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	64497	20.983	ug/l	99
94) Hexachlorobutadiene	15.24	225	43398	21.382	ug/l	99
95) Naphthalene	15.36	128	105903	20.361	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	56452	21.050	ug/l	99

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

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