

Data File : VW009020.D
Acq On : 06 Mar 2019 17:29
Operator : SY/VA
Sample : VW0306SBS01
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0306SBS01

Manual Integrations
APPROVED

MMDadoda
3/8/2019 12:07:12 AM

Quant Time: Mar 07 07:42:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 07:22:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	323703	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	470030	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	455174	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	245373	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	160041	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
35) Dibromofluoromethane	7.88	113	136484	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	10.32	98	572963	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	12.62	95	216856	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.00	85	65126	20.253	ug/l	97
3) Chloromethane	2.21	50	80116	19.780	ug/l	99
4) Vinyl Chloride	2.36	62	76844	18.932	ug/l	96
5) Bromomethane	2.77	94	78622	22.058	ug/l	97
6) Chloroethane	2.91	64	55933	19.436	ug/l	97
7) Trichlorofluoromethane	3.25	101	102613	19.626	ug/l	99
8) Diethyl Ether	3.68	74	31881	19.534	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	64128	19.766	ug/l	97
10) Methyl Iodide	4.27	142	58046	19.494	ug/l	99
11) Tert butyl alcohol	5.21	59	17363m	74.583	ug/l	
12) 1,1-Dichloroethene	4.03	96	57443	20.319	ug/l	97
13) Acrolein	3.90	56	28703	107.786	ug/l	100
14) Allyl chloride	4.67	41	93196	19.067	ug/l	98
15) Acrylonitrile	5.37	53	65519	93.770	ug/l #	87
16) Acetone	4.14	43	62069	93.054	ug/l	100
17) Carbon Disulfide	4.38	76	177603	18.745	ug/l	100
18) Methyl Acetate	4.68	43	27948	18.380	ug/l	96
19) Methyl tert-butyl Ether	5.42	73	145679	19.906	ug/l	95
20) Methylene Chloride	4.91	84	68185	18.739	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	62655	19.375	ug/l	93
22) Diisopropyl ether	6.31	45	190040	19.471	ug/l	95
23) Vinyl Acetate	6.26	43	595263	97.926	ug/l	98
24) 1,1-Dichloroethane	6.21	63	109144	19.233	ug/l	96
25) 2-Butanone	7.18	43	90877	95.773	ug/l	99
26) 2,2-Dichloropropane	7.17	77	101278	19.510	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	67531	19.837	ug/l	97
28) Bromochloromethane	7.51	49	49183	19.965	ug/l	97
29) Tetrahydrofuran	7.53	42	55375	92.892	ug/l	99
30) Chloroform	7.67	83	109148	18.785	ug/l	95
31) Cyclohexane	7.95	56	113527	19.453	ug/l	89
32) 1,1,1-Trichloroethane	7.87	97	104499	19.581	ug/l	100
36) 1,1-Dichloropropene	8.08	75	93494	20.005	ug/l	99
37) Ethyl Acetate	7.25	43	40346	19.517	ug/l	99
38) Carbon Tetrachloride	8.06	117	95952	19.839	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	107946	19.119	ug/l	99
40) Benzene	8.32	78	242509	19.238	ug/l	99
41) Methacrylonitrile	7.48	41	24128	19.677	ug/l	92
42) 1,2-Dichloroethane	8.40	62	77370	19.123	ug/l	99
43) Isopropyl Acetate	8.42	43	77012	18.951	ug/l	99
44) Trichloroethene	9.09	130	66995	19.060	ug/l	100
45) 1,2-Dichloropropane	9.37	63	60934	19.498	ug/l	99
46) Dibromomethane	9.46	93	32958	19.116	ug/l	99
47) Bromodichloromethane	9.64	83	82551	19.100	ug/l	99
48) Methyl methacrylate	9.43	41	37759	19.664	ug/l	97
49) 1,4-Dioxane	9.47	88	9288	394.079	ug/l #	94
51) 4-Methyl-2-Pentanone	10.21	43	191604	93.238	ug/l	99
52) Toluene	10.38	92	161606	18.990	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	81540	19.019	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	93829	19.171	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	45478	19.421	ug/l	96
56) Ethyl methacrylate	10.65	69	55619	19.202	ug/l	98
57) 1,3-Dichloropropane	10.93	76	79553	19.319	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	142859	92.947	ug/l	99
59) 2-Hexanone	10.97	43	136972	94.812	ug/l	99
60) Dibromochloromethane	11.13	129	54717	19.238	ug/l	98
61) 1,2-Dibromoethane	11.24	107	43279	19.500	ug/l	100
64) Tetrachloroethene	10.86	164	59639	18.976	ug/l	92
65) Chlorobenzene	11.66	112	178571	18.901	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	60373	19.028	ug/l	99
67) Ethyl Benzene	11.73	91	328101	19.154	ug/l	96
68) m/p-Xylenes	11.84	106	252705	37.387	ug/l	98
69) o-Xylene	12.16	106	118242	18.739	ug/l	100
70) Styrene	12.18	104	190569	18.643	ug/l	99
71) Bromoform	12.35	173	30914	18.286	ug/l #	97
73) Isopropylbenzene	12.46	105	329100	19.595	ug/l	99
74) N-amyl acetate	12.27	43	74807	19.569	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.71	83	50830	19.403	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	35566m	18.288	ug/l	
77) Bromobenzene	12.75	156	75471	19.849	ug/l	99
78) n-propylbenzene	12.80	91	404607	19.623	ug/l	100
79) 2-Chlorotoluene	12.89	91	226590	19.463	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	273124	18.949	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	15470	20.337	ug/l	99
82) 4-Chlorotoluene	12.99	91	234506	18.936	ug/l	99
83) tert-Butylbenzene	13.21	119	240940	19.400	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	277587	18.812	ug/l	99
85) sec-Butylbenzene	13.38	105	353425	19.508	ug/l	100
86) p-Isopropyltoluene	13.50	119	308258	18.903	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	156662	19.247	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	154504	19.138	ug/l	97
89) n-Butylbenzene	13.83	91	292346	18.936	ug/l	99
90) Hexachloroethane	14.10	117	53895	19.292	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	136026	19.100	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8664	18.095	ug/l	99

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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	15.14	180	94264	19.330	ug/l	98
94) Hexachlorobutadiene	15.24	225	58530	18.883	ug/l	97
95) Naphthalene	15.37	128	149646	18.926	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	81086	19.205	ug/l	99

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

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