

Data File : VW008991.D
Acq On : 05 Mar 2019 12:44
Operator : SY/VA
Sample : VW0305SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0305SBS02

Manual Integrations
APPROVED

MMDadoda
3/8/2019 10:54:16 AM

Quant Time: Mar 06 07:19:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	276400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	398692	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	382102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	209845	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	125789	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	7.88	113	113385	47.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.74%	
50) Toluene-d8	10.32	98	449203	48.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.22%	
62) 4-Bromofluorobenzene	12.62	95	174965	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	52775	19.064	ug/l	96
3) Chloromethane	2.21	50	66678	19.787	ug/l	99
4) Vinyl Chloride	2.35	62	68178	19.109	ug/l	99
5) Bromomethane	2.76	94	66297	25.017	ug/l	99
6) Chloroethane	2.92	64	51377	20.278	ug/l	98
7) Trichlorofluoromethane	3.26	101	94317	20.901	ug/l	98
8) Diethyl Ether	3.68	74	27874	19.511	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	57995	21.164	ug/l	99
10) Methyl Iodide	4.27	142	53023	15.474	ug/l	99
11) Tert butyl alcohol	5.20	59	18783	81.385	ug/l #	79
12) 1,1-Dichloroethene	4.04	96	50781	20.983	ug/l	96
13) Acrolein	3.90	56	15275	77.563	ug/l	95
14) Allyl chloride	4.67	41	85015	20.354	ug/l	95
15) Acrylonitrile	5.37	53	59024	96.269	ug/l	98
16) Acetone	4.14	43	57811	96.208	ug/l	99
17) Carbon Disulfide	4.37	76	153145	19.073	ug/l	98
18) Methyl Acetate	4.68	43	27294	19.150	ug/l	96
19) Methyl tert-butyl Ether	5.43	73	131888	20.134	ug/l	99
20) Methylene Chloride	4.92	84	64559	18.601	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	56103	20.041	ug/l	92
22) Diisopropyl ether	6.32	45	174830	20.983	ug/l	96
23) Vinyl Acetate	6.26	43	525961	102.169	ug/l	99
24) 1,1-Dichloroethane	6.22	63	102698	21.270	ug/l	98
25) 2-Butanone	7.17	43	84250	100.287	ug/l	96
26) 2,2-Dichloropropane	7.17	77	94677	21.599	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	61317	20.477	ug/l	99
28) Bromochloromethane	7.51	49	44579	22.064	ug/l	98
29) Tetrahydrofuran	7.53	42	50993	95.249	ug/l	99
30) Chloroform	7.67	83	104207	21.038	ug/l	96
31) Cyclohexane	7.95	56	99298	20.318	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	98013	21.759	ug/l	99
36) 1,1-Dichloropropene	8.08	75	84999	21.901	ug/l	98
37) Ethyl Acetate	7.26	43	37820	20.956	ug/l	97
38) Carbon Tetrachloride	8.07	117	88756	21.685	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	99127	20.477	ug/l	97
40) Benzene	8.32	78	221791	20.931	ug/l	98
41) Methacrylonitrile	7.49	41	21143	19.930	ug/l	95
42) 1,2-Dichloroethane	8.40	62	71573	21.322	ug/l	100
43) Isopropyl Acetate	8.43	43	69123	19.190	ug/l	98
44) Trichloroethene	9.09	130	62740	21.018	ug/l	95
45) 1,2-Dichloropropane	9.37	63	57139	21.821	ug/l	99
46) Dibromomethane	9.46	93	30019	20.610	ug/l	95
47) Bromodichloromethane	9.64	83	76871	21.692	ug/l	94
48) Methyl methacrylate	9.43	41	31306	18.147	ug/l	93
49) 1,4-Dioxane	9.46	88	7434	318.717	ug/l #	69
51) 4-Methyl-2-Pentanone	10.21	43	175221	95.817	ug/l	100
52) Toluene	10.39	92	151621	21.083	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	74067	20.506	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	86242	20.935	ug/l	95
55) 1,1,2-Trichloroethane	10.79	97	41047	20.780	ug/l	96
56) Ethyl methacrylate	10.65	69	49015	19.100	ug/l	97
57) 1,3-Dichloropropane	10.93	76	71728	20.567	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	138460	107.275	ug/l	99
59) 2-Hexanone	10.97	43	126548	97.214	ug/l	99
60) Dibromochloromethane	11.13	129	49773	20.659	ug/l	96
61) 1,2-Dibromoethane	11.24	107	39071	19.983	ug/l	100
64) Tetrachloroethene	10.86	164	56493	20.654	ug/l	96
65) Chlorobenzene	11.66	112	166665	20.744	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.73	131	54728	20.145	ug/l	96
67) Ethyl Benzene	11.73	91	299474	20.850	ug/l	99
68) m/p-Xylenes	11.84	106	239239	41.688	ug/l	99
69) o-Xylene	12.17	106	110833	20.576	ug/l	97
70) Styrene	12.18	104	176594	20.378	ug/l	99
71) Bromoform	12.35	173	28652	19.621	ug/l #	95
73) Isopropylbenzene	12.47	105	305634	21.246	ug/l	100
74) N-amyl acetate	12.27	43	68838	18.997	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	45836	19.500	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	34726m	20.043	ug/l	
77) Bromobenzene	12.75	156	70756	20.814	ug/l	99
78) n-propylbenzene	12.80	91	380217	21.607	ug/l	100
79) 2-Chlorotoluene	12.90	91	213624	21.382	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	263432	21.072	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	14365	20.157	ug/l	96
82) 4-Chlorotoluene	12.99	91	220625	20.955	ug/l	99
83) tert-Butylbenzene	13.21	119	233341	21.587	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	266436	20.588	ug/l	100
85) sec-Butylbenzene	13.38	105	331011	21.296	ug/l	99
86) p-Isopropyltoluene	13.50	119	296156	20.784	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	149305	21.169	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	149155	21.457	ug/l	99
89) n-Butylbenzene	13.83	91	279495	20.937	ug/l	99
90) Hexachloroethane	14.10	117	50165	21.506	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	131050	20.853	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8483	19.950	ug/l	90

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030519\
Quantitation Report (QT Reviewed)

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	89287	19.718	ug/l	98
94) Hexachlorobutadiene	15.24	225	58314	21.863	ug/l	99
95) Naphthalene	15.37	128	142233	18.449	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	77082	19.688	ug/l	97

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

