

Data File : VW012687.D
Acq On : 06 Sep 2019 13:24
Operator : SY/VA
Sample : VW0906SBS02
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VW0906SBS02

Manual Integrations
APPROVED

MMDadoda
9/9/2019 4:45:11 AM

Quant Time: Sep 07 05:29:38 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	218269	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	329823	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	290414	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	146591	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	120778	46.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.10%	
35) Dibromofluoromethane	7.88	113	94663	48.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.16%	
50) Toluene-d8	10.32	98	387657	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
62) 4-Bromofluorobenzene	12.62	95	137669	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	32137	23.912	ug/l	95
3) Chloromethane	2.21	50	38407	18.446	ug/l	98
4) Vinyl Chloride	2.36	62	44515	17.467	ug/l	99
5) Bromomethane	2.76	94	24631	19.084	ug/l	87
6) Chloroethane	2.92	64	26860	18.683	ug/l	97
7) Trichlorofluoromethane	3.25	101	27899	21.801	ug/l	97
8) Diethyl Ether	3.68	74	22219	18.292	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.06	101	42821	19.686	ug/l	96
10) Methyl Iodide	4.27	142	53504	18.179	ug/l	96
11) Tert butyl alcohol	5.17	59	16728	107.130	ug/l #	87
12) 1,1-Dichloroethene	4.04	96	39103	17.861	ug/l	93
13) Acrolein	3.89	56	8145	55.414	ug/l	99
14) Allyl chloride	4.67	41	85045	18.170	ug/l	97
15) Acrylonitrile	5.36	53	61344	101.890	ug/l	99
16) Acetone	4.12	43	60416	91.090	ug/l	99
17) Carbon Disulfide	4.38	76	90359	13.656	ug/l	100
18) Methyl Acetate	4.67	43	31652	19.267	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	79682	22.506	ug/l	98
20) Methylene Chloride	4.91	84	53768	21.444	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	44077	18.774	ug/l	99
22) Diisopropyl ether	6.31	45	179236	20.659	ug/l	97
23) Vinyl Acetate	6.25	43	548464	102.724	ug/l	99
24) 1,1-Dichloroethane	6.21	63	97073	20.550	ug/l	99
25) 2-Butanone	7.17	43	90027	99.887	ug/l	94
26) 2,2-Dichloropropane	7.17	77	61470	22.990	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	52573	20.959	ug/l	100
28) Bromochloromethane	7.51	49	37595	18.260	ug/l	94
29) Tetrahydrofuran	7.53	42	56898	105.223	ug/l	96
30) Chloroform	7.67	83	95696	22.143	ug/l	99
31) Cyclohexane	7.95	56	86732	18.558	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	77031	22.531	ug/l	99
36) 1,1-Dichloropropene	8.08	75	73574	21.586	ug/l	99
37) Ethyl Acetate	7.25	43	42197	22.593	ug/l	99
38) Carbon Tetrachloride	8.07	117	69514	23.564	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	81314	21.236	ug/l	98
40) Benzene	8.32	78	195536	21.010	ug/l	99
41) Methacrylonitrile	7.48	41	26977	24.575	ug/l	94
42) 1,2-Dichloroethane	8.40	62	68770	23.577	ug/l	99
43) Isopropyl Acetate	8.42	43	78028	22.554	ug/l	98
44) Trichloroethene	9.09	130	49958	22.082	ug/l	92
45) 1,2-Dichloropropane	9.37	63	54157	21.622	ug/l	98
46) Dibromomethane	9.46	93	25575	22.949	ug/l	96
47) Bromodichloromethane	9.65	83	69411	23.403	ug/l	99
48) Methyl methacrylate	9.43	41	37749	22.925	ug/l	96
49) 1,4-Dioxane	9.45	88	8031	470.736	ug/l	94
51) 4-Methyl-2-Pentanone	10.21	43	204277	116.089	ug/l	99
52) Toluene	10.38	92	127607	22.824	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	69714	23.075	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	81849	22.437	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	38348	24.321	ug/l	98
56) Ethyl methacrylate	10.65	69	53795	23.442	ug/l	98
57) 1,3-Dichloropropane	10.93	76	69773	23.416	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	129383	109.855	ug/l	97
59) 2-Hexanone	10.97	43	141929	113.993	ug/l	100
60) Dibromochloromethane	11.13	129	42330	24.103	ug/l	100
61) 1,2-Dibromoethane	11.23	107	34294	23.346	ug/l	98
64) Tetrachloroethene	10.86	164	42843	22.754	ug/l	99
65) Chlorobenzene	11.66	112	128454	22.463	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	49128	24.626	ug/l	98
67) Ethyl Benzene	11.73	91	247132	22.434	ug/l	100
68) m/p-Xylenes	11.84	106	180458	45.478	ug/l	99
69) o-Xylene	12.16	106	84111	22.903	ug/l	98
70) Styrene	12.18	104	146667	23.073	ug/l	99
71) Bromoform	12.35	173	24918	25.070	ug/l #	98
73) Isopropylbenzene	12.46	105	243653	22.182	ug/l	99
74) N-amyl acetate	12.27	43	71671	21.596	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	44220	21.959	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31002m	21.715	ug/l	
77) Bromobenzene	12.74	156	53306	22.432	ug/l	97
78) n-propylbenzene	12.80	91	290872	21.691	ug/l	98
79) 2-Chlorotoluene	12.89	91	169376	22.248	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	206788	22.530	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	14488	22.250	ug/l	98
82) 4-Chlorotoluene	12.99	91	179202	22.480	ug/l	100
83) tert-Butylbenzene	13.21	119	176882	22.750	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	205353	22.273	ug/l	99
85) sec-Butylbenzene	13.38	105	247663	22.234	ug/l	100
86) p-Isopropyltoluene	13.50	119	226554	22.775	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	104470	22.476	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	105845	22.934	ug/l	99
89) n-Butylbenzene	13.82	91	217084	21.945	ug/l	99
90) Hexachloroethane	14.09	117	39024	22.360	ug/l	91
91) 1,2-Dichlorobenzene	13.87	146	94817	23.254	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7886	23.229	ug/l	97

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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	65281	23.167	ug/l	98
94) Hexachlorobutadiene	15.24	225	46285	24.876	ug/l	94
95) Naphthalene	15.36	128	110733	22.617	ug/l	99
96) 1,2,3-Trichlorobenzene	15.55	180	57116	23.232	ug/l	100

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

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Operator    : SY/VA
Sample      : VW0906SBD02
Misc       : 5.00G/5ML/MSV0A_W/SOIL
ALS Vial    : 7      Sample Multiplier: 1
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