

Data File : VW009018.D
Acq On : 06 Mar 2019 15:30
Operator : SY/VA
Sample : VSTDICV050
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
ICVW030619

Manual Integrations
APPROVED

MMDadoda
3/8/2019 12:07:10 AM

Quant Time: Mar 07 07:34:44 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	322460	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	453201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	435858	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	239145	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	149261	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
35) Dibromofluoromethane	7.88	113	138224	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
50) Toluene-d8	10.32	98	614197	54.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.56%	
62) 4-Bromofluorobenzene	12.62	95	227443	52.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.06%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	152692	47.667	ug/l	98
3) Chloromethane	2.21	50	200751	49.755	ug/l	98
4) Vinyl Chloride	2.35	62	203405	50.307	ug/l	98
5) Bromomethane	2.77	94	159816	45.011	ug/l	100
6) Chloroethane	2.92	64	143850	50.178	ug/l	95
7) Trichlorofluoromethane	3.26	101	254950	48.951	ug/l	98
8) Diethyl Ether	3.68	74	72237	44.431	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	154271	47.733	ug/l	98
10) Methyl Iodide	4.27	142	188046	50.702	ug/l	100
11) Tert butyl alcohol	5.18	59	46255	199.455	ug/l	99
12) 1,1-Dichloroethene	4.04	96	138677	49.242	ug/l	97
13) Acrolein	3.89	56	49218	185.537	ug/l	99
14) Allyl chloride	4.67	41	246773	50.683	ug/l	100
15) Acrylonitrile	5.37	53	149600	214.930	ug/l	99
16) Acetone	4.13	43	163126	245.503	ug/l	98
17) Carbon Disulfide	4.38	76	471883	49.997	ug/l	99
18) Methyl Acetate	4.67	43	66928	44.184	ug/l	95
19) Methyl tert-butyl Ether	5.42	73	325291	44.619	ug/l	98
20) Methylene Chloride	4.92	84	154766	45.507	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	157318	48.836	ug/l	95
22) Diisopropyl ether	6.31	45	470785	48.422	ug/l	98
23) Vinyl Acetate	6.26	43	1383117	228.411	ug/l	100
24) 1,1-Dichloroethane	6.21	63	271812	48.082	ug/l	97
25) 2-Butanone	7.17	43	204805	216.670	ug/l	98
26) 2,2-Dichloropropane	7.17	77	260545	50.384	ug/l	100
27) cis-1,2-Dichloroethene	7.17	96	165141	48.696	ug/l	98
28) Bromochloromethane	7.51	49	110744	45.129	ug/l	98
29) Tetrahydrofuran	7.52	42	122611	206.474	ug/l	99
30) Chloroform	7.67	83	277367	47.921	ug/l	99
31) Cyclohexane	7.95	56	280105	48.182	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	267528	50.322	ug/l	99
36) 1,1-Dichloropropene	8.08	75	232977	51.700	ug/l	99
37) Ethyl Acetate	7.25	43	87904	44.102	ug/l	98
38) Carbon Tetrachloride	8.07	117	241331	51.751	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	295780	54.333	ug/l	99
40) Benzene	8.32	78	618958	50.923	ug/l	98
41) Methacrylonitrile	7.48	41	52261	44.204	ug/l	95
42) 1,2-Dichloroethane	8.40	62	178835	45.842	ug/l	99
43) Isopropyl Acetate	8.43	43	173496	44.279	ug/l	99
44) Trichloroethene	9.09	130	169509	50.015	ug/l	98
45) 1,2-Dichloropropane	9.37	63	147619	48.990	ug/l	98
46) Dibromomethane	9.46	93	75269	45.279	ug/l	98
47) Bromodichloromethane	9.64	83	201461	48.343	ug/l	97
48) Methyl methacrylate	9.43	41	82873	44.761	ug/l	94
49) 1,4-Dioxane	9.46	88	21832	960.704	ug/l #	90
51) 4-Methyl-2-Pentanone	10.21	43	450054	227.138	ug/l	99
52) Toluene	10.39	92	436966	53.254	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	200497	48.501	ug/l	96
54) cis-1,3-Dichloropropene	10.07	75	237657	50.360	ug/l	100
55) 1,1,2-Trichloroethane	10.79	97	103786	45.967	ug/l	98
56) Ethyl methacrylate	10.65	69	139385	49.908	ug/l	99
57) 1,3-Dichloropropane	10.93	76	184814	46.547	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	328512	221.674	ug/l	100
59) 2-Hexanone	10.97	43	341251	244.986	ug/l	97
60) Dibromochloromethane	11.13	129	129960	47.389	ug/l	100
61) 1,2-Dibromoethane	11.24	107	101476	47.418	ug/l	99
64) Tetrachloroethene	10.86	164	156901	52.136	ug/l	99
65) Chlorobenzene	11.66	112	468611	51.798	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	150766	49.623	ug/l	99
67) Ethyl Benzene	11.73	91	883330	53.852	ug/l	99
68) m/p-Xylenes	11.84	106	692245	106.955	ug/l	99
69) o-Xylene	12.16	106	320313	53.014	ug/l	98
70) Styrene	12.18	104	520759	53.204	ug/l	99
71) Bromoform	12.35	173	74704	46.147	ug/l	96
73) Isopropylbenzene	12.46	105	911049	55.656	ug/l	100
74) N-amyl acetate	12.27	43	193272	44.914	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	117582	46.053	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	86930m	45.865	ug/l	
77) Bromobenzene	12.75	156	195400	52.730	ug/l	99
78) n-propylbenzene	12.80	91	1126795	56.071	ug/l	100
79) 2-Chlorotoluene	12.90	91	616576	54.339	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	768748	54.723	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	39295	45.380	ug/l	99
82) 4-Chlorotoluene	12.99	91	654075	54.192	ug/l	100
83) tert-Butylbenzene	13.21	119	690059	57.009	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	777967	54.095	ug/l	99
85) sec-Butylbenzene	13.38	105	991827	56.170	ug/l	99
86) p-Isopropyltoluene	13.50	119	875370	55.078	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	413729	52.152	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	409371	52.029	ug/l	99
89) n-Butylbenzene	13.83	91	847704	56.338	ug/l	99
90) Hexachloroethane	14.10	117	149475	54.898	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	355660	51.241	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21436	45.935	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	244220	51.384	ug/l	99
94) Hexachlorobutadiene	15.24	225	156523	51.811	ug/l	98
95) Naphthalene	15.37	128	381785	49.543	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	205313	49.894	ug/l	99

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

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