

Data File : VW009013.D
Acq On : 06 Mar 2019 11:17
Operator : SY/VA
Sample : VSTDIC010
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC010

Manual Integrations
APPROVED

MMDadoda
3/8/2019 12:07:02 AM

Quant Time: Mar 07 07:08:46 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030619S.M
Quant Title : SW846 8260
QLast Update : Thu Mar 07 06:55:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	301369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	427465	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	418355	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	228919	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	27345	9.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.08%	
35) Dibromofluoromethane	7.88	113	23220	9.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.04%	
50) Toluene-d8	10.32	98	101379	9.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	19.18%	
62) 4-Bromofluorobenzene	12.62	95	37711	9.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	18.46%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	33625	11.232	ug/l	95
3) Chloromethane	2.21	50	38301	10.157	ug/l	99
4) Vinyl Chloride	2.35	62	37365	9.888	ug/l	98
5) Bromomethane	2.76	94	35671	10.750	ug/l	98
6) Chloroethane	2.92	64	25529	9.528	ug/l	98
7) Trichlorofluoromethane	3.26	101	47780	9.816	ug/l	96
8) Diethyl Ether	3.69	74	15010	9.878	ug/l	86
9) 1,1,2-Trichlorotrifluoroet	4.06	101	29296	9.699	ug/l	97
10) Methyl Iodide	4.26	142	21395	7.504	ug/l #	43
11) Tert butyl alcohol	5.19	59	10957	49.544	ug/l	96
12) 1,1-Dichloroethene	4.04	96	24578	9.338	ug/l	93
13) Acrolein	3.90	56	12288	49.564	ug/l	99
14) Allyl chloride	4.67	41	41101	9.032	ug/l	99
15) Acrylonitrile	5.38	53	30775	47.309	ug/l	95
16) Acetone	4.14	43	30643	49.371	ug/l	94
17) Carbon Disulfide	4.38	76	82244	9.324	ug/l	99
18) Methyl Acetate	4.68	43	12600	8.900	ug/l	99
19) Methyl tert-butyl Ether	5.43	73	61040	8.959	ug/l	95
20) Methylene Chloride	4.92	84	43784	12.049	ug/l	99
21) trans-1,2-Dichloroethene	5.43	96	27213	9.039	ug/l	90
22) Diisopropyl ether	6.31	45	81277	8.945	ug/l	95
23) Vinyl Acetate	6.26	43	245688	43.413	ug/l	100
24) 1,1-Dichloroethane	6.21	63	48655	9.209	ug/l	97
25) 2-Butanone	7.18	43	39596	44.822	ug/l	99
26) 2,2-Dichloropropane	7.17	77	46292	9.578	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	29387	9.272	ug/l	97
28) Bromochloromethane	7.51	49	22676	9.887	ug/l	98
29) Tetrahydrofuran	7.53	42	25232	45.464	ug/l	96
30) Chloroform	7.68	83	50254	9.290	ug/l	98
31) Cyclohexane	7.96	56	54072	9.952	ug/l #	94
32) 1,1,1-Trichloroethane	7.87	97	47264	9.513	ug/l	98
36) 1,1-Dichloropropene	8.08	75	41364	9.732	ug/l	100
37) Ethyl Acetate	7.26	43	17713	9.422	ug/l	99
38) Carbon Tetrachloride	8.07	117	41704	9.481	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	48474	9.441	ug/l	96
40) Benzene	8.32	78	110589	9.646	ug/l	98
41) Methacrylonitrile	7.49	41	11285	10.120	ug/l	91
42) 1,2-Dichloroethane	8.40	62	34940	9.496	ug/l	98
43) Isopropyl Acetate	8.43	43	33673	9.111	ug/l	98
44) Trichloroethene	9.09	130	31084	9.724	ug/l	90
45) 1,2-Dichloropropane	9.37	63	27376	9.632	ug/l	95
46) Dibromomethane	9.46	93	14494	9.244	ug/l	95
47) Bromodichloromethane	9.65	83	37223	9.470	ug/l	98
48) Methyl methacrylate	9.44	41	16113	9.227	ug/l	92
49) 1,4-Dioxane	9.46	88	4336	202.291	ug/l #	95
51) 4-Methyl-2-Pentanone	10.21	43	84634	45.286	ug/l	98
52) Toluene	10.39	92	72810	9.408	ug/l	96
53) t-1,3-Dichloropropene	10.61	75	34593	8.872	ug/l	100
54) cis-1,3-Dichloropropene	10.07	75	41790	9.388	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	20415	9.586	ug/l	96
56) Ethyl methacrylate	10.65	69	22914	8.698	ug/l	98
57) 1,3-Dichloropropane	10.93	76	36186	9.663	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	62889	44.991	ug/l	97
59) 2-Hexanone	10.97	43	59211	45.067	ug/l	96
60) Dibromochloromethane	11.13	129	23997	9.277	ug/l	96
61) 1,2-Dibromoethane	11.24	107	18958	9.392	ug/l	97
64) Tetrachloroethene	10.87	164	29202	10.109	ug/l	88
65) Chlorobenzene	11.66	112	85027	9.792	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	27450	9.413	ug/l	97
67) Ethyl Benzene	11.73	91	148143	9.409	ug/l	94
68) m/p-Xylenes	11.84	106	116236	18.710	ug/l	99
69) o-Xylene	12.16	106	52591	9.068	ug/l	97
70) Styrene	12.18	104	86653	9.223	ug/l	99
71) Bromoform	12.35	173	14025	9.026	ug/l #	98
73) Isopropylbenzene	12.46	105	145646	9.295	ug/l	98
74) N-amyl acetate	12.27	43	33030	8.854	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	23063	9.437	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	15951m	6.447	ug/l	
77) Bromobenzene	12.74	156	35136	9.905	ug/l	98
78) n-propylbenzene	12.80	91	177664	9.236	ug/l	99
79) 2-Chlorotoluene	12.89	91	103622	9.540	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	122761	9.129	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.51	75	6213	8.300	ug/l	93
82) 4-Chlorotoluene	12.99	91	110117	9.531	ug/l	100
83) tert-Butylbenzene	13.21	119	111255	9.602	ug/l	94
84) 1,2,4-Trimethylbenzene	13.26	105	128609	9.342	ug/l	99
85) sec-Butylbenzene	13.38	105	157557	9.322	ug/l	99
86) p-Isopropyltoluene	13.50	119	139075	9.141	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	73319	9.655	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	74859	9.939	ug/l	98
89) n-Butylbenzene	13.83	91	130116	9.034	ug/l	99
90) Hexachloroethane	14.10	117	24371	9.351	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	65788	9.902	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	4510	10.096	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	43777	9.622	ug/l	99
94) Hexachlorobutadiene	15.24	225	30415	10.518	ug/l	99
95) Naphthalene	15.37	128	64956	8.806	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	37920	9.627	ug/l	99

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

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