

Data Path : C:\DOCUMENTS AND SETTINGS\EUSER\DESKTOP\VW030819\
 Data File : VW009074.D
 Acq On : 08 Mar 2019 23:59
 Operator : SY/VA
 Sample : K1785-13MS
 Misc : 4.74G/5ML/MSVOA W/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 SD2-0.5-1.0MS

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 2:53:34 PM

Quant Time: Mar 09 04:49:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W030719S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 08 05:22:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	252400	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	357304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	352021	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	184267	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	131423	51.75	ug/l	0.00
Spiked Amount						
			Recovery	=	103.50%	
35) Dibromofluoromethane	7.88	113	112857	52.46	ug/l	0.00
Spiked Amount						
			Recovery	=	104.92%	
50) Toluene-d8	10.32	98	486244	55.03	ug/l	0.00
Spiked Amount						
			Recovery	=	110.06%	
62) 4-Bromofluorobenzene	12.62	95	175199	50.37	ug/l	0.00
Spiked Amount						
			Recovery	=	100.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	111267	43.742	ug/l	100
3) Chloromethane	2.21	50	149122	46.148	ug/l	98
4) Vinyl Chloride	2.35	62	147595	45.008	ug/l	97
5) Bromomethane	2.76	94	144590	52.233	ug/l	100
6) Chloroethane	2.92	64	105489	45.185	ug/l	100
7) Trichlorofluoromethane	3.26	101	198565	47.027	ug/l	100
8) Diethyl Ether	3.68	74	63477	49.167	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.06	101	113353	43.104	ug/l	97
10) Methyl Iodide	4.27	142	60259	22.965	ug/l	97
11) Tert butyl alcohol	5.18	59	42599	218.912	ug/l	96
12) 1,1-Dichloroethene	4.03	96	101856	44.902	ug/l	99
13) Acrolein	3.90	56	13678	63.876	ug/l	95
14) Allyl chloride	4.67	41	177325	44.317	ug/l	100
15) Acrylonitrile	5.37	53	137469	243.964	ug/l	99
16) Acetone	4.13	43	107366	187.364	ug/l	98
17) Carbon Disulfide	4.38	76	355614	46.594	ug/l	100
18) Methyl Acetate	4.67	43	173987	132.038	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	295827	49.299	ug/l	98
20) Methylene Chloride	4.91	84	135623	50.350	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	121092	46.232	ug/l	98
22) Diisopropyl ether	6.31	45	363670	45.735	ug/l	96
23) Vinyl Acetate	6.26	43	144458	29.193	ug/l	98
24) 1,1-Dichloroethane	6.21	63	214825	46.578	ug/l	99
25) 2-Butanone	7.17	43	175659	221.807	ug/l	99
26) 2,2-Dichloropropane	7.17	77	172605	41.172	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	131361	46.697	ug/l	99
28) Bromochloromethane	7.51	49	92228	48.075	ug/l	100
29) Tetrahydrofuran	7.52	42	120683	241.818	ug/l	99
30) Chloroform	7.67	83	229201	48.269	ug/l	98
31) Cyclohexane	7.95	56	191548	40.447	ug/l	97
32) 1,1,1-Trichloroethane	7.87	97	203414	46.419	ug/l	99
36) 1,1-Dichloropropene	8.08	75	171533	45.913	ug/l	99
37) Ethyl Acetate	7.25	43	60919	34.714	ug/l	97
38) Carbon Tetrachloride	8.06	117	182081	47.192	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	175037	39.335	ug/l	98
40) Benzene	8.32	78	489236	49.055	ug/l	98
41) Methacrylonitrile	7.49	41	44369	45.530	ug/l #	91
42) 1,2-Dichloroethane	8.40	62	156769	48.690	ug/l	99
43) Isopropyl Acetate	8.42	43	128766	39.398	ug/l	96
44) Trichloroethene	9.09	130	131184	46.931	ug/l	93
45) 1,2-Dichloropropane	9.37	63	122803	49.164	ug/l	97
46) Dibromomethane	9.46	93	67424	49.425	ug/l	98
47) Bromodichloromethane	9.65	83	169179	48.992	ug/l	98
48) Methyl methacrylate	9.43	41	92328	60.668	ug/l	96
49) 1,4-Dioxane	9.46	88	19236	984.716	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	424508	255.843	ug/l	99
52) Toluene	10.39	92	338667	50.072	ug/l	99
53) t-1,3-Dichloropropene	10.60	75	161199	47.198	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	182700	46.550	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	93341	50.483	ug/l	95
56) Ethyl methacrylate	10.65	69	81893	35.688	ug/l	98
57) 1,3-Dichloropropane	10.93	76	162642	49.655	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.92	63	295085	248.053	ug/l	100
59) 2-Hexanone	10.97	43	287413	246.370	ug/l	99
60) Dibromochloromethane	11.13	129	112794	49.294	ug/l	99
61) 1,2-Dibromoethane	11.23	107	89504	49.379	ug/l	99
64) Tetrachloroethene	10.86	164	121586	47.895	ug/l	97
65) Chlorobenzene	11.66	112	368989	48.157	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	125317	48.983	ug/l	98
67) Ethyl Benzene	11.73	91	655768	47.375	ug/l	99
68) m/p-Xylenes	11.84	106	519825	95.142	ug/l	99
69) o-Xylene	12.16	106	241243	47.454	ug/l	99
70) Styrene	12.18	104	395030	48.027	ug/l	99
71) Bromoform	12.35	173	69328	50.468	ug/l #	98
73) Isopropylbenzene	12.46	105	646061	48.960	ug/l	99
74) N-amyl acetate	12.27	43	72042	23.062	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	110603	53.137	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	78398m	53.850	ug/l	
77) Bromobenzene	12.75	156	156472	51.897	ug/l	97
78) n-propylbenzene	12.80	91	749894	46.137	ug/l	100
79) 2-Chlorotoluene	12.90	91	438650	48.034	ug/l	98
80) 1,3,5-Trimethylbenzene	12.94	105	527875	46.409	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	31626	48.589	ug/l	96
82) 4-Chlorotoluene	12.99	91	465919	47.863	ug/l	99
83) tert-Butylbenzene	13.21	119	435811	45.430	ug/l	99
84) 1,2,4-Trimethylbenzene	13.25	105	536859	46.658	ug/l	99
85) sec-Butylbenzene	13.38	105	595910	41.927	ug/l	99
86) p-Isopropyltoluene	13.50	119	534114	42.007	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	297040	46.879	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	296242	47.309	ug/l	98
89) n-Butylbenzene	13.83	91	453865	37.549	ug/l	100
90) Hexachloroethane	14.10	117	89521	40.823	ug/l	97
91) 1,2-Dichlorobenzene	13.87	146	269990	48.295	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	21130	56.996	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	144204	38.195	ug/l	96
94) Hexachlorobutadiene	15.24	225	63345	26.786	ug/l	99
95) Naphthalene	15.37	128	287258	46.480	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	127501	38.405	ug/l	98

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

