

Data Path : C:\DOCUMENTS AND SETTINGS\EUSER\DESKTOP\VW030819\
 Data File : VW009055.D
 Acq On : 08 Mar 2019 15:28
 Operator : SY/VA
 Sample : VW0308SBS01
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW0308SBS01

Manual Integrations
 APPROVED

MMDadoda
 3/11/2019 2:53:23 PM

Quant Time: Mar 09 03:44:19 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	292602	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	425317	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	409568	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	218332	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	143611	48.78	ug/l	0.00
Spiked Amount			Recovery	=	97.56%	
35) Dibromofluoromethane	7.88	113	126065	49.23	ug/l	0.00
Spiked Amount			Recovery	=	98.46%	
50) Toluene-d8	10.32	98	529449	50.34	ug/l	0.00
Spiked Amount			Recovery	=	100.68%	
62) 4-Bromofluorobenzene	12.62	95	196152	47.38	ug/l	0.00
Spiked Amount			Recovery	=	94.76%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.00	85	63579	21.561	ug/l	100
3) Chloromethane	2.21	50	76315	20.372	ug/l	94
4) Vinyl Chloride	2.35	62	74248	19.530	ug/l	99
5) Bromomethane	2.77	94	75873	23.643	ug/l	98
6) Chloroethane	2.91	64	50350	18.604	ug/l	97
7) Trichlorofluoromethane	3.25	101	98594	20.142	ug/l	92
8) Diethyl Ether	3.69	74	27593	18.436	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.06	101	61784	20.266	ug/l	100
10) Methyl Iodide	4.27	142	50074	17.364	ug/l	97
11) Tert butyl alcohol	5.21	59	19188m	85.057	ug/l	
12) 1,1-Dichloroethene	4.04	96	51529	19.595	ug/l	98
13) Acrolein	3.90	56	21220	85.482	ug/l	97
14) Allyl chloride	4.67	41	89166	19.222	ug/l	98
15) Acrylonitrile	5.38	53	54723	83.773	ug/l	98
16) Acetone	4.14	43	58801	88.515	ug/l	99
17) Carbon Disulfide	4.37	76	174126	19.680	ug/l	100
18) Methyl Acetate	4.68	43	24720	16.182	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	124258	17.862	ug/l	96
20) Methylene Chloride	4.91	84	64703	17.139	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	58485	19.261	ug/l	97
22) Diisopropyl ether	6.31	45	176871	19.187	ug/l	98
23) Vinyl Acetate	6.26	43	512810	89.395	ug/l	99
24) 1,1-Dichloroethane	6.21	63	104769	19.595	ug/l	99
25) 2-Butanone	7.18	43	76038	82.822	ug/l	95
26) 2,2-Dichloropropane	7.16	77	96700	19.897	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	61104	18.737	ug/l	95
28) Bromochloromethane	7.51	49	42824	19.256	ug/l	96
29) Tetrahydrofuran	7.53	42	44362	76.677	ug/l	97
30) Chloroform	7.67	83	105660	19.194	ug/l	95
31) Cyclohexane	7.95	56	108128	19.695	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	100025	19.689	ug/l	99
36) 1,1-Dichloropropene	8.08	75	87536	19.683	ug/l	99
37) Ethyl Acetate	7.25	43	32808	15.706	ug/l	99
38) Carbon Tetrachloride	8.07	117	91001	19.814	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	103356	19.512	ug/l	97
40) Benzene	8.32	78	230371	19.405	ug/l	97
41) Methacrylonitrile	7.48	41	20042	17.278	ug/l	90
42) 1,2-Dichloroethane	8.40	62	69953	18.252	ug/l	99
43) Isopropyl Acetate	8.43	43	64174	16.495	ug/l	98
44) Trichloroethene	9.09	130	65215	19.600	ug/l	90
45) 1,2-Dichloropropane	9.37	63	56715	19.075	ug/l	97
46) Dibromomethane	9.46	93	28384	17.480	ug/l	97
47) Bromodichloromethane	9.65	83	76637	18.644	ug/l	99
48) Methyl methacrylate	9.44	41	32255	17.805	ug/l	99
49) 1,4-Dioxane	9.47	88	7581	326.023	ug/l #	76
51) 4-Methyl-2-Pentanone	10.21	43	155858	78.912	ug/l	98
52) Toluene	10.39	92	155281	19.287	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	73901	18.178	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	86757	18.570	ug/l	97
55) 1,1,2-Trichloroethane	10.79	97	40298	18.310	ug/l	95
56) Ethyl methacrylate	10.65	69	45525	16.667	ug/l	98
57) 1,3-Dichloropropane	10.93	76	70633	18.116	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.93	63	117408	82.913	ug/l	99
59) 2-Hexanone	10.97	43	113412	81.670	ug/l	97
60) Dibromochloromethane	11.13	129	49187	18.059	ug/l	98
61) 1,2-Dibromoethane	11.23	107	37579	17.417	ug/l	99
64) Tetrachloroethene	10.86	164	55895	18.924	ug/l	93
65) Chlorobenzene	11.66	112	170610	19.138	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	57300	19.250	ug/l	96
67) Ethyl Benzene	11.73	91	306364	19.023	ug/l	98
68) m/p-Xylenes	11.84	106	245013	38.543	ug/l	98
69) o-Xylene	12.16	106	112469	19.015	ug/l	96
70) Styrene	12.18	104	179839	18.792	ug/l	100
71) Bromoform	12.35	173	28365	17.747	ug/l #	96
73) Isopropylbenzene	12.46	105	309199	19.776	ug/l	99
74) N-amyl acetate	12.27	43	62831	16.975	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	44688	18.120	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	31987m	18.543	ug/l	
77) Bromobenzene	12.75	156	70394	19.705	ug/l	95
78) n-propylbenzene	12.80	91	381826	19.826	ug/l	99
79) 2-Chlorotoluene	12.90	91	212530	19.642	ug/l	99
80) 1,3,5-Trimethylbenzene	12.94	105	263342	19.540	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.51	75	13123	17.016	ug/l	97
82) 4-Chlorotoluene	12.99	91	222661	19.305	ug/l	98
83) tert-Butylbenzene	13.21	119	230335	20.264	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	266978	19.583	ug/l	98
85) sec-Butylbenzene	13.38	105	331779	19.701	ug/l	99
86) p-Isopropyltoluene	13.50	119	291708	19.363	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	146010	19.448	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	145134	19.561	ug/l	99
89) n-Butylbenzene	13.83	91	279579	19.521	ug/l	99
90) Hexachloroethane	14.10	117	50262	19.344	ug/l	100
91) 1,2-Dichlorobenzene	13.87	146	127892	19.308	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	8136	18.522	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	85534	19.120	ug/l	98
94) Hexachlorobutadiene	15.24	225	55954	19.969	ug/l	99
95) Naphthalene	15.37	128	127035	17.348	ug/l	99
96) 1,2,3-Trichlorobenzene	15.56	180	73528	18.692	ug/l	96

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

