

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW072719\
 Data File : VW011513.D
 Acq On : 26 Jul 2019 13:17
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5.0ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 7/29/2019 9:17:48 AM

Quant Time: Jul 27 00:22:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 00:06:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	248756	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	405099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	360419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	175903	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.30	65	289373	101.31	ug/l	0.00
Spiked Amount						
			Recovery	=	202.62%	
35) Dibromofluoromethane	7.88	113	232615	102.35	ug/l	0.00
Spiked Amount						
			Recovery	=	204.70%	
50) Toluene-d8	10.32	98	961524	103.33	ug/l	0.00
Spiked Amount						
			Recovery	=	206.66%	
62) 4-Bromofluorobenzene	12.62	95	341822	103.04	ug/l	0.00
Spiked Amount						
			Recovery	=	206.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	2.01	85	136904	98.751	ug/l	96
3) Chloromethane	2.21	50	221893	92.303	ug/l	100
4) Vinyl Chloride	2.36	62	276667	95.594	ug/l	99
5) Bromomethane	2.77	94	151765	94.736	ug/l	100
6) Chloroethane	2.92	64	164927	99.761	ug/l	99
7) Trichlorofluoromethane	3.25	101	136033	105.170	ug/l	98
8) Diethyl Ether	3.68	74	151853	103.545	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	240986	98.215	ug/l	100
10) Methyl Iodide	4.27	142	356399	102.784	ug/l	100
11) Tert butyl alcohol	5.16	59	104862	437.287	ug/l	99
12) 1,1-Dichloroethene	4.04	96	260530	100.564	ug/l	99
13) Acrolein	3.89	56	99123	483.630	ug/l	100
14) Allyl chloride	4.66	41	582699	105.750	ug/l	99
15) Acrylonitrile	5.36	53	378288	516.730	ug/l	99
16) Acetone	4.11	43	461881	508.334	ug/l	100
17) Carbon Disulfide	4.38	76	827087	102.003	ug/l	100
18) Methyl Acetate	4.66	43	209820	102.793	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	411623	100.124	ug/l	100
20) Methylene Chloride	4.92	84	286236	91.343	ug/l	98
21) trans-1,2-Dichloroethene	5.42	96	281336	100.727	ug/l	96
22) Diisopropyl ether	6.31	45	1052502	101.313	ug/l	99
23) Vinyl Acetate	6.25	43	3416404	523.366	ug/l	99
24) 1,1-Dichloroethane	6.21	63	565340	101.610	ug/l	99
25) 2-Butanone	7.16	43	614884	517.164	ug/l	99
26) 2,2-Dichloropropane	7.16	77	310998	90.890	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	309010	100.524	ug/l	99
28) Bromochloromethane	7.51	49	241571	97.819	ug/l #	99
29) Tetrahydrofuran	7.52	42	355218	522.675	ug/l	99
30) Chloroform	7.67	83	506119	98.601	ug/l	98
31) Cyclohexane	7.95	56	500073	93.633	ug/l	98
32) 1,1,1-Trichloroethane	7.87	97	397155	101.597	ug/l	100
36) 1,1-Dichloropropene	8.08	75	420475	99.821	ug/l	99
37) Ethyl Acetate	7.25	43	245574	101.333	ug/l	99
38) Carbon Tetrachloride	8.07	117	364164	100.988	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	469487	101.221	ug/l	100
40) Benzene	8.32	78	1182448	100.217	ug/l	100
41) Methacrylonitrile	7.48	41	156139	107.781	ug/l	96
42) 1,2-Dichloroethane	8.40	62	371761	100.637	ug/l	99
43) Isopropyl Acetate	8.42	43	469984	105.451	ug/l	99
44) Trichloroethene	9.09	130	288230	101.639	ug/l	99
45) 1,2-Dichloropropane	9.37	63	321563	101.858	ug/l	99
46) Dibromomethane	9.46	93	146076	101.378	ug/l	99
47) Bromodichloromethane	9.65	83	394575	104.394	ug/l	100
48) Methyl methacrylate	9.43	41	232049	108.387	ug/l	99
49) 1,4-Dioxane	9.45	88	43992	2108.573	ug/l	95
51) 4-Methyl-2-Pentanone	10.21	43	1223976	527.974	ug/l	100
52) Toluene	10.39	92	726936	102.022	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	426180	107.940	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	499903	106.487	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	208854	102.157	ug/l	99
56) Ethyl methacrylate	10.65	69	328590	109.836	ug/l	100
57) 1,3-Dichloropropane	10.93	76	400764	103.614	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	622830	458.526	ug/l	100
59) 2-Hexanone	10.97	43	901324	550.650	ug/l	99
60) Dibromochloromethane	11.13	129	241201	106.286	ug/l	100
61) 1,2-Dibromoethane	11.23	107	199092	102.905	ug/l	99
64) Tetrachloroethene	10.86	164	234704	100.014	ug/l	98
65) Chlorobenzene	11.66	112	724028	99.920	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.73	131	258024	102.229	ug/l	99
67) Ethyl Benzene	11.73	91	1410935	102.238	ug/l	99
68) m/p-Xylenes	11.84	106	1022256	203.684	ug/l	100
69) o-Xylene	12.16	106	480685	103.067	ug/l	100
70) Styrene	12.18	104	841212	104.320	ug/l	100
71) Bromoform	12.35	173	137454	106.811	ug/l #	98
73) Isopropylbenzene	12.46	105	1321401	100.695	ug/l	100
74) N-amyl acetate	12.27	43	445719	108.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	250586	101.518	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	178036m	95.338	ug/l	
77) Bromobenzene	12.75	156	294272	101.454	ug/l	100
78) n-propylbenzene	12.80	91	1612256	100.952	ug/l	100
79) 2-Chlorotoluene	12.89	91	922890	100.307	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	1112439	101.129	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	89399	110.696	ug/l	98
82) 4-Chlorotoluene	12.99	91	955490	98.980	ug/l	99
83) tert-Butylbenzene	13.21	119	935739	101.724	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	1120238	101.094	ug/l	100
85) sec-Butylbenzene	13.38	105	1321702	100.697	ug/l	100
86) p-Isopropyltoluene	13.50	119	1204565	101.147	ug/l	100
87) 1,3-Dichlorobenzene	13.50	146	562583	98.919	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	557523	98.545	ug/l	100
89) n-Butylbenzene	13.82	91	1209023	101.731	ug/l	99
90) Hexachloroethane	14.10	117	221022	104.956	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	500028	99.406	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	43864	104.209	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.13	180	365350	103.058	ug/l	100
94) Hexachlorobutadiene	15.24	225	217541	98.399	ug/l	99
95) Naphthalene	15.37	128	692783	110.220	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	318491	102.491	ug/l	100

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

