

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW012420\
 Data File : VW014740.D
 Acq On : 24 Jan 2020 12:18
 Operator : SY/VA
 Sample : VSTDIC100
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 1/27/2020 12:04:46 PM

Quant Time: Jan 24 12:51:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012420S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 24 12:36:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.94	168	727712	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1104347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	971924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	481166	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	659596	101.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	203.46%	
35) Dibromofluoromethane	7.88	113	614175	96.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.82%	
50) Toluene-d8	10.32	98	2584164	96.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.96%	
62) 4-Bromofluorobenzene	12.62	95	873463	96.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	193.74%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.01	85	457923	106.479	ug/l	100
3) Chloromethane	2.21	50	549704	103.915	ug/l	99
4) Vinyl Chloride	2.36	62	890668	113.699	ug/l	99
5) Bromomethane	2.75	94	493038m	103.779	ug/l	
6) Chloroethane	2.92	64	506048	114.011	ug/l	100
7) Trichlorofluoromethane	3.25	101	443852	114.130	ug/l	99
8) Diethyl Ether	3.67	74	360822	97.427	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	681370	97.136	ug/l	100
10) Methyl Iodide	4.27	142	989119	94.273	ug/l	99
11) Tert butyl alcohol	5.16	59	235677	435.733	ug/l	99
12) 1,1-Dichloroethene	4.04	96	722395	98.439	ug/l	98
13) Acrolein	3.89	56	295614	554.947	ug/l	100
14) Allyl chloride	4.66	41	1198370	105.435	ug/l	99
15) Acrylonitrile	5.35	53	862004	515.194	ug/l	99
16) Acetone	4.11	43	797536	450.806	ug/l	98
17) Carbon Disulfide	4.38	76	2288928	102.515	ug/l	100
18) Methyl Acetate	4.66	43	380761	90.252	ug/l	99
19) Methyl tert-butyl Ether	5.42	73	919814	101.145	ug/l	99
20) Methylene Chloride	4.91	84	728275	86.231	ug/l	99
21) trans-1,2-Dichloroethene	5.42	96	747682	95.940	ug/l	99
22) Diisopropyl ether	6.31	45	2144392	100.760	ug/l	100
23) Vinyl Acetate	6.24	43	6740080	531.585	ug/l	100
24) 1,1-Dichloroethane	6.21	63	1327926	99.502	ug/l	99
25) 2-Butanone	7.17	43	1126212	495.429	ug/l	99
26) 2,2-Dichloropropane	7.16	77	695418	94.038	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	784169	95.955	ug/l	99
28) Bromochloromethane	7.51	49	523687	101.057	ug/l	100
29) Tetrahydrofuran	7.52	42	724107	511.451	ug/l	99
30) Chloroform	7.67	83	1207721	96.923	ug/l	97
31) Cyclohexane	7.95	56	1317411	95.228	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	985520	98.443	ug/l	99
36) 1,1-Dichloropropene	8.07	75	1052281	97.390	ug/l	100
37) Ethyl Acetate	7.24	43	489833	102.515	ug/l	99
38) Carbon Tetrachloride	8.06	117	921284	98.362	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	1343232	97.662	ug/l	99
40) Benzene	8.32	78	2922005	95.649	ug/l	100
41) Methacrylonitrile	7.48	41	287040	107.072	ug/l	98
42) 1,2-Dichloroethane	8.40	62	787181	98.982	ug/l	99
43) Isopropyl Acetate	8.42	43	906515	103.699	ug/l	99
44) Trichloroethene	9.09	130	764181	93.248	ug/l	98
45) 1,2-Dichloropropane	9.37	63	735984	98.080	ug/l	97
46) Dibromomethane	9.45	93	348327	95.436	ug/l	99
47) Bromodichloromethane	9.64	83	906284	99.195	ug/l	98
48) Methyl methacrylate	9.43	41	457017	108.195	ug/l	94
49) 1,4-Dioxane	9.44	88	135593	2028.310	ug/l	99
51) 4-Methyl-2-Pentanone	10.21	43	2348168	519.643	ug/l	99
52) Toluene	10.38	92	1822740	95.401	ug/l	100
53) t-1,3-Dichloropropene	10.60	75	945578	101.056	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	1144714	99.681	ug/l	98
55) 1,1,2-Trichloroethane	10.78	97	504600	94.966	ug/l	98
56) Ethyl methacrylate	10.64	69	718240	104.546	ug/l	97
57) 1,3-Dichloropropane	10.93	76	911238	96.924	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.92	63	1203708	571.307	ug/l	100
59) 2-Hexanone	10.96	43	1637101	529.002	ug/l	99
60) Dibromochloromethane	11.13	129	583844	97.396	ug/l	97
61) 1,2-Dibromoethane	11.23	107	478405	95.408	ug/l	99
64) Tetrachloroethene	10.86	164	626637	89.280	ug/l	96
65) Chlorobenzene	11.65	112	1845306	92.331	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	638812	94.963	ug/l	99
67) Ethyl Benzene	11.73	91	3463363	95.792	ug/l	99
68) m/p-Xylenes	11.83	106	2614880	189.421	ug/l	98
69) o-Xylene	12.16	106	1205221	94.587	ug/l	100
70) Styrene	12.18	104	2077985	96.542	ug/l	99
71) Bromoform	12.35	173	346483	96.085	ug/l	# 99
73) Isopropylbenzene	12.46	105	3322428	93.633	ug/l	99
74) N-amyl acetate	12.27	43	836147	105.322	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.71	83	592365	93.699	ug/l	100
76) 1,2,3-Trichloropropane	12.76	75	455540m	101.242	ug/l	
77) Bromobenzene	12.74	156	750039	90.984	ug/l	98
78) n-propylbenzene	12.80	91	4006740	95.319	ug/l	99
79) 2-Chlorotoluene	12.89	91	2230325	93.303	ug/l	100
80) 1,3,5-Trimethylbenzene	12.94	105	2805382	93.719	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.51	75	203892	100.898	ug/l	98
82) 4-Chlorotoluene	12.99	91	2331070	93.741	ug/l	100
83) tert-Butylbenzene	13.20	119	2462648	94.262	ug/l	100
84) 1,2,4-Trimethylbenzene	13.25	105	2813065	94.340	ug/l	100
85) sec-Butylbenzene	13.38	105	3427499	94.518	ug/l	100
86) p-Isopropyltoluene	13.49	119	3132721	94.683	ug/l	99
87) 1,3-Dichlorobenzene	13.49	146	1465974	91.376	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	1438408	91.063	ug/l	99
89) n-Butylbenzene	13.82	91	3046066	98.866	ug/l	100
90) Hexachloroethane	14.09	117	551557	95.783	ug/l	99
91) 1,2-Dichlorobenzene	13.87	146	1281457	90.862	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.48	75	97696	97.846	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	907438	96.158	ug/l	98
94) Hexachlorobutadiene	15.23	225	554590	86.989	ug/l	98
95) Naphthalene	15.36	128	1661458	104.414	ug/l	100
96) 1,2,3-Trichlorobenzene	15.55	180	777834	94.724	ug/l	99

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

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