

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091620\
 Data File : VN063361.D
 Acq On : 16 Sep 2020 12:19
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 1:07:54 PM

Quant Time: Sep 16 12:41:42 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091620W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 16 12:15:31 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	277809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	487111	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	445412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	209888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	484660	110.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	220.18%	
35) Dibromofluoromethane	7.55	113	340610	107.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	215.76%	
50) Toluene-d8	10.06	98	1296257	107.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	214.32%	
62) 4-Bromofluorobenzene	12.38	95	489426	109.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	218.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	319882	116.080	ug/l	98
3) Chloromethane	2.03	50	382434	94.575	ug/l	99
4) Vinyl Chloride	2.16	62	374143	99.426	ug/l	98
5) Bromomethane	2.52	94	227078	89.338	ug/l	98
6) Chloroethane	2.67	64	216308	89.342	ug/l	100
7) Trichlorofluoromethane	2.98	101	565798	97.649	ug/l	99
8) Diethyl Ether	3.37	74	221421	104.924	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	311781	101.894	ug/l	99
10) Methyl Iodide	3.91	142	431049	109.308	ug/l	100
11) Tert butyl alcohol	4.74	59	342430	580.684	ug/l	100
12) 1,1-Dichloroethene	3.69	96	317334	103.375	ug/l	98
13) Acrolein	3.57	56	102662	379.550	ug/l	99
14) Allyl chloride	4.27	41	635361	101.029	ug/l	98
15) Acrylonitrile	4.93	53	861272	541.077	ug/l	99
16) Acetone	3.78	43	738586	489.143	ug/l	99
17) Carbon Disulfide	4.01	76	937709	98.818	ug/l	99
18) Methyl Acetate	4.28	43	395709	103.874	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1182163	107.625	ug/l	99
20) Methylene Chloride	4.50	84	364682	94.317	ug/l	99
21) trans-1,2-Dichloroethene	4.99	96	346087	100.931	ug/l	99
22) Diisopropyl ether	5.90	45	1279228	104.055	ug/l	98
23) Vinyl Acetate	5.84	43	5467073	561.869	ug/l	99
24) 1,1-Dichloroethane	5.80	63	705005	104.995	ug/l	99
25) 2-Butanone	6.78	43	1229741	549.002	ug/l	100
26) 2,2-Dichloropropane	6.77	77	606822	103.387	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	401335	100.449	ug/l	97
28) Bromochloromethane	7.15	49	331100	102.674	ug/l	99
29) Tetrahydrofuran	7.16	42	830474	569.163	ug/l	98
30) Chloroform	7.33	83	706219	105.429	ug/l	98
31) Cyclohexane	7.61	56	616818	99.999	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	630753	107.625	ug/l	99
36) 1,1-Dichloropropene	7.75	75	527006	104.321	ug/l	99
37) Ethyl Acetate	6.88	43	531560	106.569	ug/l	99
38) Carbon Tetrachloride	7.73	117	550023	109.967	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	578748	105.105	ug/l	98
40) Benzene	8.00	78	1504591	104.452	ug/l	99
41) Methacrylonitrile	7.12	41	241522	106.404	ug/l #	100
42) 1,2-Dichloroethane	8.08	62	615243	111.455	ug/l	99
43) Isopropyl Acetate	8.13	43	935279	110.558	ug/l	99
44) Trichloroethene	8.80	130	364959	98.353	ug/l	100
45) 1,2-Dichloropropane	9.08	63	411032	103.926	ug/l	98
46) Dibromomethane	9.17	93	274126	106.333	ug/l	100
47) Bromodichloromethane	9.37	83	579385	108.228	ug/l	97
48) Methyl methacrylate	9.16	41	453208	111.489	ug/l	98
49) 1,4-Dioxane	9.17	88	130057	2076.653	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	2633215	565.476	ug/l	100
52) Toluene	10.13	92	932170	105.724	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	655593	112.137	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	686649	109.199	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	362584	105.001	ug/l	97
56) Ethyl methacrylate	10.40	69	590620	112.584	ug/l	99
57) 1,3-Dichloropropane	10.68	76	648935	107.495	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1583965	561.451	ug/l	99
59) 2-Hexanone	10.72	43	1933394	563.347	ug/l	99
60) Dibromochloromethane	10.87	129	426176	112.253	ug/l	98
61) 1,2-Dibromoethane	10.98	107	383813	106.508	ug/l	100
64) Tetrachloroethene	10.60	164	304186	85.708	ug/l	98
65) Chlorobenzene	11.41	112	961381	100.022	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	361343	103.000	ug/l	99
67) Ethyl Benzene	11.48	91	1828393	105.633	ug/l	98
68) m/p-Xylenes	11.59	106	1336745	208.562	ug/l	98
69) o-Xylene	11.92	106	636424	103.736	ug/l	99
70) Styrene	11.94	104	1096775	107.189	ug/l	99
71) Bromoform	12.10	173	282439	114.886	ug/l #	100
73) Isopropylbenzene	12.22	105	1750831	103.427	ug/l	100
74) N-amyl acetate	12.05	43	846363	120.520	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	521335	106.323	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	493422m	104.479	ug/l	
77) Bromobenzene	12.50	156	397809	102.339	ug/l	97
78) n-propylbenzene	12.57	91	2039316	106.214	ug/l	99
79) 2-Chlorotoluene	12.65	91	1212405	102.714	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1471197	104.621	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	201845	115.992	ug/l	98
82) 4-Chlorotoluene	12.75	91	1277656	102.970	ug/l	99
83) tert-Butylbenzene	12.97	119	1201012	100.987	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1479591	104.325	ug/l	99
85) sec-Butylbenzene	13.15	105	1603893	105.772	ug/l	100
86) p-Isopropyltoluene	13.26	119	1443197	104.040	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	714257	100.448	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	729608	98.569	ug/l	99
89) n-Butylbenzene	13.59	91	1344655	107.216	ug/l	100
90) Hexachloroethane	13.85	117	274652	118.809	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	707297	100.481	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	131766	117.367	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	449519	108.362	ug/l	100
94) Hexachlorobutadiene	14.98	225	174340	98.193	ug/l	99
95) Naphthalene	15.10	128	1476351	109.171	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	429028	105.705	ug/l	98

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

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