

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN112320\
 Data File : VN064780.D
 Acq On : 23 Nov 2020 13:06
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 3:01:13 PM

Quant Time: Nov 23 13:30:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N112320W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 23 13:11:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	197024	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	302095	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	277702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	142636	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	228534	70.59	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	141.18%#
35) Dibromofluoromethane	7.55	113	180140	103.86	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	207.72%#
50) Toluene-d8	10.06	98	764379	99.00	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	198.00%#
62) 4-Bromofluorobenzene	12.38	95	281548	98.61	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	197.22%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	160722	68.948	ug/l	99
3) Chloromethane	2.04	50	207526	78.795	ug/l	99
4) Vinyl Chloride	2.16	62	220783	80.662	ug/l	99
5) Bromomethane	2.51	94	139215	70.896	ug/l	99
6) Chloroethane	2.66	64	138655	76.044	ug/l	97
7) Trichlorofluoromethane	2.98	101	308094	64.747	ug/l	99
8) Diethyl Ether	3.37	74	120098	76.345	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.71	101	187011	87.265	ug/l	98
10) Methyl Iodide	3.90	142	261177	101.120	ug/l	99
11) Tert butyl alcohol	4.75	59	182740	538.799	ug/l	99
12) 1,1-Dichloroethene	3.69	96	184569	88.962	ug/l	98
13) Acrolein	3.56	56	110259	1065.960	ug/l	99
14) Allyl chloride	4.27	41	313262	88.782	ug/l	99
15) Acrylonitrile	4.94	53	510164	518.423	ug/l	99
16) Acetone	3.78	43	374508	443.628	ug/l	99
17) Carbon Disulfide	4.00	76	493308	77.351	ug/l	99
18) Methyl Acetate	4.28	43	225686	87.508	ug/l	98
19) Methyl tert-butyl Ether	5.00	73	636493	92.651	ug/l	99
20) Methylene Chloride	4.50	84	218095	86.948	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	203935	88.380	ug/l	99
22) Diisopropyl ether	5.91	45	645869	87.211	ug/l	98
23) Vinyl Acetate	5.85	43	2654648	445.291	ug/l	100
24) 1,1-Dichloroethane	5.80	63	375237	86.021	ug/l	99
25) 2-Butanone	6.79	43	634880	485.780	ug/l	97
26) 2,2-Dichloropropane	6.78	77	320089	78.548	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	237385	93.114	ug/l	99
28) Bromochloromethane	7.15	49	171134	78.346	ug/l	97
29) Tetrahydrofuran	7.17	42	432288	491.055	ug/l	99
30) Chloroform	7.33	83	380576	81.142	ug/l	100
31) Cyclohexane	7.61	56	305544	84.264	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	333548	78.170	ug/l	99
36) 1,1-Dichloropropene	7.75	75	287566	94.334	ug/l	99
37) Ethyl Acetate	6.89	43	274780	106.216	ug/l	98
38) Carbon Tetrachloride	7.73	117	299102	93.106	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	322245	115.477	ug/l	97
40) Benzene	8.00	78	867314	101.028	ug/l	98
41) Methacrylonitrile	7.13	41	141556	120.671	ug/l	85
42) 1,2-Dichloroethane	8.09	62	288066	80.837	ug/l	99
43) Isopropyl Acetate	8.13	43	456205	92.388	ug/l	100
44) Trichloroethene	8.80	130	248574	99.755	ug/l	98
45) 1,2-Dichloropropane	9.08	63	230274	101.032	ug/l	99
46) Dibromomethane	9.17	93	153550	96.119	ug/l	97
47) Bromodichloromethane	9.37	83	309021	92.420	ug/l	100
48) Methyl methacrylate	9.17	41	218607	94.149	ug/l	97
49) 1,4-Dioxane	9.17	88	80827	2574.767	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1383159	514.546	ug/l	100
52) Toluene	10.13	92	551884	104.720	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	349813	97.587	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	382330	102.218	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	217881	103.116	ug/l	98
56) Ethyl methacrylate	10.40	69	333951	113.231	ug/l	99
57) 1,3-Dichloropropane	10.68	76	367517	100.477	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	902030	554.826	ug/l	100
59) 2-Hexanone	10.72	43	1020803	525.903	ug/l	100
60) Dibromochloromethane	10.87	129	254258	103.748	ug/l	100
61) 1,2-Dibromoethane	10.98	107	229369	101.569	ug/l	100
64) Tetrachloroethene	10.60	164	256428	103.206	ug/l	99
65) Chlorobenzene	11.41	112	606062	103.364	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	228319	103.718	ug/l	100
67) Ethyl Benzene	11.48	91	1055958	102.684	ug/l	99
68) m/p-Xylenes	11.59	106	817732	220.026	ug/l	99
69) o-Xylene	11.92	106	388218	107.605	ug/l	99
70) Styrene	11.94	104	674918	110.482	ug/l	99
71) Bromoform	12.10	173	182851	118.330	ug/l #	100
73) Isopropylbenzene	12.22	105	1029593	102.158	ug/l	100
74) N-amyl acetate	12.05	43	416865	90.888	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	286897	101.334	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	283718m	92.714	ug/l	
77) Bromobenzene	12.50	156	259899	101.435	ug/l	98
78) n-propylbenzene	12.57	91	1193186	102.019	ug/l	99
79) 2-Chlorotoluene	12.65	91	704504	94.668	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	886553	106.008	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	119543	107.983	ug/l	99
82) 4-Chlorotoluene	12.75	91	739764	93.645	ug/l	99
83) tert-Butylbenzene	12.97	119	737149	112.855	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	894239	105.025	ug/l	100
85) sec-Butylbenzene	13.14	105	984859	112.871	ug/l	100
86) p-Isopropyltoluene	13.26	119	920374	114.460	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	474106	102.024	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	476150	99.563	ug/l	99
89) n-Butylbenzene	13.59	91	797827	107.587	ug/l	99
90) Hexachloroethane	13.85	117	156375	116.650	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	462003	101.354	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	65946	90.463	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	287265	112.649	ug/l	100
94) Hexachlorobutadiene	14.98	225	130936	101.478	ug/l	98
95) Naphthalene	15.10	128	892943	110.598	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	276676	112.817	ug/l	99

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

