

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN091020\
 Data File : VN063295.D
 Acq On : 10 Sep 2020 14:44
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 9/11/2020 2:02:30 PM

Quant Time: Sep 10 15:12:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N091020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 10 14:25:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	480128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	849418	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	759779	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	370391	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	1157578	150.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	301.20%	
35) Dibromofluoromethane	7.55	113	853687	158.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	316.02%	
50) Toluene-d8	10.06	98	3190459	153.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	306.70%	
62) 4-Bromofluorobenzene	12.38	95	1216445	165.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.92%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	623901	133.267	ug/l	99
3) Chloromethane	2.04	50	858432	125.987	ug/l	98
4) Vinyl Chloride	2.17	62	912170	123.519	ug/l	98
5) Bromomethane	2.51	94	634420	106.494	ug/l	100
6) Chloroethane	2.67	64	592842	104.999	ug/l	96
7) Trichlorofluoromethane	2.98	101	1456203	130.613	ug/l	98
8) Diethyl Ether	3.37	74	511081	141.477	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	730348	141.999	ug/l	99
10) Methyl Iodide	3.91	142	1057976	151.838	ug/l	100
11) Tert butyl alcohol	4.73	59	730216	767.511	ug/l	99
12) 1,1-Dichloroethene	3.70	96	743152	142.846	ug/l	98
13) Acrolein	3.57	56	443043	1250.951	ug/l	100
14) Allyl chloride	4.28	41	1491937	159.134	ug/l	98
15) Acrylonitrile	4.93	53	2031308	825.509	ug/l	99
16) Acetone	3.78	43	1770457	788.708	ug/l	99
17) Carbon Disulfide	4.01	76	2210872	142.509	ug/l	100
18) Methyl Acetate	4.28	43	942978	164.773	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	2710062	141.288	ug/l	100
20) Methylene Chloride	4.51	84	865550	129.838	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	826986	144.713	ug/l	99
22) Diisopropyl ether	5.90	45	3048312	146.666	ug/l	99
23) Vinyl Acetate	5.84	43	11530499	697.333	ug/l #	92
24) 1,1-Dichloroethane	5.80	63	1639964	143.770	ug/l	99
25) 2-Butanone	6.78	43	2816567	816.255	ug/l	99
26) 2,2-Dichloropropane	6.78	77	1407043	135.903	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	961511	138.422	ug/l	98
28) Bromochloromethane	7.15	49	818340	140.124	ug/l	98
29) Tetrahydrofuran	7.16	42	1854416	780.531	ug/l	99
30) Chloroform	7.33	83	1668365	140.332	ug/l	99
31) Cyclohexane	7.61	56	1420467	132.498	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	1471380	144.059	ug/l	99
36) 1,1-Dichloropropene	7.75	75	1253981	153.459	ug/l	100
37) Ethyl Acetate	6.88	43	1224017	174.889	ug/l	99
38) Carbon Tetrachloride	7.74	117	1281241	155.096	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	1360557	148.984	ug/l	99
40) Benzene	8.00	78	3538078	148.359	ug/l	98
41) Methacrylonitrile	7.14	41	658959m	186.692	ug/l	
42) 1,2-Dichloroethane	8.09	62	1395044	155.914	ug/l	99
43) Isopropyl Acetate	8.13	43	2178725	163.687	ug/l #	92
44) Trichloroethene	8.80	130	918518	156.443	ug/l	99
45) 1,2-Dichloropropane	9.08	63	972086	152.632	ug/l	99
46) Dibromomethane	9.18	93	645423	154.744	ug/l	99
47) Bromodichloromethane	9.37	83	1361057	152.459	ug/l	99
48) Methyl methacrylate	9.17	41	1036548	171.989	ug/l	98
49) 1,4-Dioxane	9.17	88	288243	3108.726	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	5420097	748.627	ug/l	93
52) Toluene	10.13	92	2217036	149.821	ug/l	95
53) t-1,3-Dichloropropene	10.35	75	1533952	157.734	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	1629451	157.932	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	858420	151.090	ug/l	99
56) Ethyl methacrylate	10.40	69	1420366	163.947	ug/l	99
57) 1,3-Dichloropropane	10.68	76	1530905	151.738	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	3378435	758.194	ug/l	98
59) 2-Hexanone	10.72	43	4202488	822.748	ug/l	96
60) Dibromochloromethane	10.87	129	1020161	162.480	ug/l	99
61) 1,2-Dibromoethane	10.98	107	907958	154.438	ug/l	100
64) Tetrachloroethene	10.60	164	872174	156.455	ug/l	98
65) Chlorobenzene	11.41	112	2305804	150.930	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.48	131	885297	156.980	ug/l	99
67) Ethyl Benzene	11.49	91	4102832	147.314	ug/l	93
68) m/p-Xylenes	11.59	106	3175611	308.890	ug/l	85
69) o-Xylene	11.92	106	1527031	153.710	ug/l	96
70) Styrene	11.94	104	2614795	153.641	ug/l	98
71) Bromoform	12.10	173	650073	168.797	ug/l #	99
73) Isopropylbenzene	12.23	105	3950350	140.234	ug/l	97
74) N-amyl acetate	12.05	43	1981688	168.337	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	1185661	146.463	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	1161322m	146.597	ug/l	
77) Bromobenzene	12.50	156	939784	146.792	ug/l	100
78) n-propylbenzene	12.57	91	4514499	138.503	ug/l	96
79) 2-Chlorotoluene	12.65	91	2844948	145.332	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	3416200	145.062	ug/l	97
81) trans-1,4-Dichloro-2-buten	12.28	75	458214	153.827	ug/l	99
82) 4-Chlorotoluene	12.75	91	3012084	148.516	ug/l	100
83) tert-Butylbenzene	12.97	119	2865501	142.556	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	3422840	144.214	ug/l	97
85) sec-Butylbenzene	13.15	105	3692892	141.627	ug/l	98
86) p-Isopropyltoluene	13.26	119	3400752	146.543	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	1758918	149.930	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	1760266	145.442	ug/l	99
89) n-Butylbenzene	13.59	91	3147494	146.605	ug/l	98
90) Hexachloroethane	13.85	117	640892	149.793	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	1722318	151.231	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	290285	160.134	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	1031454	160.261	ug/l	99
94) Hexachlorobutadiene	14.98	225	380685	156.497	ug/l	99
95) Naphthalene	15.10	128	3244139	154.040	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	962989	153.598	ug/l	100

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

