

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065042.D
 Acq On : 10 Dec 2020 11:59
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:32:25 PM

Quant Time: Dec 10 14:22:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121020W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 10 14:05:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	203304	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	314640	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	283853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.31	152	149287	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	366651	155.11	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	310.22%#
35) Dibromofluoromethane	7.55	113	318342	166.54	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	333.08%#
50) Toluene-d8	10.06	98	1252516	162.03	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	324.06%#
62) 4-Bromofluorobenzene	12.37	95	445751	161.93	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	323.86%#

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	195342	114.943	ug/l	98
3) Chloromethane	2.04	50	260807	117.305	ug/l	99
4) Vinyl Chloride	2.17	62	289103	124.048	ug/l	99
5) Bromomethane	2.51	94	192062	125.567	ug/l	98
6) Chloroethane	2.66	64	189820	130.163	ug/l	97
7) Trichlorofluoromethane	2.98	101	438654	134.432	ug/l	95
8) Diethyl Ether	3.37	74	181111	140.316	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.71	101	274265	139.689	ug/l	99
10) Methyl Iodide	3.91	142	371035	148.321	ug/l	98
11) Tert butyl alcohol	4.75	59	232426	657.255	ug/l	99
12) 1,1-Dichloroethene	3.69	96	265801	137.383	ug/l	97
13) Acrolein	3.57	56	193240	853.264	ug/l	98
14) Allyl chloride	4.27	41	447988	140.171	ug/l	98
15) Acrylonitrile	4.93	53	725848	724.772	ug/l	99
16) Acetone	3.78	43	606180	763.686	ug/l	99
17) Carbon Disulfide	4.01	76	624077	113.124	ug/l	100
18) Methyl Acetate	4.28	43	342540	147.561	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	942942	150.894	ug/l	99
20) Methylene Chloride	4.50	84	318999	131.836	ug/l	99
21) trans-1,2-Dichloroethene	4.98	96	291073	135.229	ug/l	100
22) Diisopropyl ether	5.90	45	971152	150.455	ug/l	97
23) Vinyl Acetate	5.85	43	3893576	759.438	ug/l	99
24) 1,1-Dichloroethane	5.79	63	562309	145.802	ug/l	100
25) 2-Butanone	6.79	43	918000	740.110	ug/l	98
26) 2,2-Dichloropropane	6.77	77	482849	144.419	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	356006	145.957	ug/l	99
28) Bromochloromethane	7.15	49	263416	149.138	ug/l	99
29) Tetrahydrofuran	7.17	42	592412	698.253	ug/l	98
30) Chloroform	7.33	83	575499	143.814	ug/l	99
31) Cyclohexane	7.61	56	421361	131.103	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	495861	144.934	ug/l	99
36) 1,1-Dichloropropene	7.75	75	424437	146.872	ug/l	99
37) Ethyl Acetate	6.88	43	376525	137.372	ug/l	99
38) Carbon Tetrachloride	7.73	117	437272	145.217	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	429941	140.373	ug/l	97
40) Benzene	8.00	78	1267058	143.082	ug/l	100
41) Methacrylonitrile	7.12	41	196998	149.097	ug/l	95
42) 1,2-Dichloroethane	8.08	62	425101	142.045	ug/l	100
43) Isopropyl Acetate	8.13	43	650828	146.630	ug/l #	91
44) Trichloroethene	8.80	130	353784	135.968	ug/l	99
45) 1,2-Dichloropropane	9.08	63	349752	151.206	ug/l	99
46) Dibromomethane	9.17	93	223768	145.336	ug/l	99
47) Bromodichloromethane	9.37	83	465832	150.365	ug/l	98
48) Methyl methacrylate	9.16	41	308578	145.534	ug/l	97
49) 1,4-Dioxane	9.17	88	108878	2722.773	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1910101	717.601	ug/l	99
52) Toluene	10.12	92	815147	149.062	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	524790	152.831	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	570847	154.730	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	328628	145.156	ug/l	99
56) Ethyl methacrylate	10.40	69	486021	158.342	ug/l	99
57) 1,3-Dichloropropane	10.68	76	546679	147.380	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1330724	786.459	ug/l	100
59) 2-Hexanone	10.72	43	1396352	729.556	ug/l	99
60) Dibromochloromethane	10.87	129	387030	154.492	ug/l	99
61) 1,2-Dibromoethane	10.97	107	334928	146.552	ug/l	98
64) Tetrachloroethene	10.60	164	355889	130.497	ug/l	98
65) Chlorobenzene	11.41	112	895090	146.498	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	345116	153.715	ug/l	99
67) Ethyl Benzene	11.48	91	1565228	154.421	ug/l	99
68) m/p-Xylenes	11.59	106	1207794	312.898	ug/l	99
69) o-Xylene	11.92	106	579687	158.535	ug/l	99
70) Styrene	11.94	104	1007279	163.078	ug/l	99
71) Bromoform	12.10	173	271698	152.338	ug/l #	99
73) Isopropylbenzene	12.22	105	1527794	147.755	ug/l	100
74) N-amyl acetate	12.04	43	581862	145.523	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	440800	144.925	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	435259m	137.493	ug/l	
77) Bromobenzene	12.50	156	392548	140.408	ug/l	99
78) n-propylbenzene	12.56	91	1746796	148.855	ug/l	99
79) 2-Chlorotoluene	12.65	91	1040012	143.177	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1308905	152.399	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	167838	146.648	ug/l	98
82) 4-Chlorotoluene	12.75	91	1101439	144.537	ug/l	99
83) tert-Butylbenzene	12.97	119	1091521	151.579	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	1334131	153.288	ug/l	100
85) sec-Butylbenzene	13.14	105	1411271	148.411	ug/l	99
86) p-Isopropyltoluene	13.26	119	1330191	153.657	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	719709	144.850	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	720481	137.175	ug/l	99
89) n-Butylbenzene	13.59	91	1129136	149.328	ug/l	100
90) Hexachloroethane	13.85	117	233802	154.600	ug/l	97
91) 1,2-Dichlorobenzene	13.63	146	708639	145.191	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	94848	141.633	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	414871	140.528	ug/l	99
94) Hexachlorobutadiene	14.98	225	193584	128.612	ug/l	99
95) Naphthalene	15.10	128	1258938	142.919	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	389288	134.116	ug/l	100

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

