

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN121020\
 Data File : VN065041.D
 Acq On : 10 Dec 2020 11:35
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 12/11/2020 12:32:21 PM

Quant Time: Dec 10 14:21:11 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	214451	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	324205	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	299835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	153457	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	242586	97.29	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	194.58%#
35) Dibromofluoromethane	7.55	113	211283	107.27	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	214.54%#
50) Toluene-d8	10.06	98	838427	105.26	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	210.52%#
62) 4-Bromofluorobenzene	12.37	95	297871	105.01	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	210.02%#

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.83	85	130996	73.074	ug/l 96
3) Chloromethane	2.04	50	178408	76.072	ug/l 99
4) Vinyl Chloride	2.17	62	193920	78.882	ug/l 99
5) Bromomethane	2.52	94	133675	82.852	ug/l 98
6) Chloroethane	2.67	64	129424	84.136	ug/l 98
7) Trichlorofluoromethane	2.99	101	296851	86.245	ug/l 96
8) Diethyl Ether	3.37	74	120588	88.569	ug/l 96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	182155	87.953	ug/l 98
10) Methyl Iodide	3.91	142	242143	91.765	ug/l 99
11) Tert butyl alcohol	4.75	59	146172	391.860	ug/l 98
12) 1,1-Dichloroethene	3.69	96	172378	84.465	ug/l 96
13) Acrolein	3.57	56	114243	478.227	ug/l 98
14) Allyl chloride	4.27	41	292584	86.788	ug/l 99
15) Acrylonitrile	4.93	53	471334	446.172	ug/l 99
16) Acetone	3.78	43	403078	481.416	ug/l 99
17) Carbon Disulfide	4.01	76	404618	69.531	ug/l 99
18) Methyl Acetate	4.28	43	220914	90.219	ug/l 99
19) Methyl tert-butyl Ether	4.99	73	618093	93.769	ug/l 99
20) Methylene Chloride	4.50	84	211626	82.914	ug/l 98
21) trans-1,2-Dichloroethene	4.99	96	193637	85.285	ug/l 97
22) Diisopropyl ether	5.90	45	638925	93.840	ug/l 99
23) Vinyl Acetate	5.84	43	2541037	469.865	ug/l 99
24) 1,1-Dichloroethane	5.80	63	368338	90.543	ug/l 100
25) 2-Butanone	6.79	43	603625	461.359	ug/l 97
26) 2,2-Dichloropropane	6.78	77	317084	89.909	ug/l 99
27) cis-1,2-Dichloroethene	6.78	96	236090	91.762	ug/l 98
28) Bromochloromethane	7.15	49	173021	92.868	ug/l 99
29) Tetrahydrofuran	7.17	42	380857	425.568	ug/l 98
30) Chloroform	7.33	83	378634	89.700	ug/l 99
31) Cyclohexane	7.61	56	280299	82.680	ug/l 95
32) 1,1,1-Trichloroethane	7.53	97	326612	90.502	ug/l 99
36) 1,1-Dichloropropene	7.75	75	274716	92.258	ug/l 99
37) Ethyl Acetate	6.88	43	245252	86.838	ug/l 99
38) Carbon Tetrachloride	7.73	117	288665	93.037	ug/l 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	277214	87.839	ug/l	98
40) Benzene	8.00	78	843987	92.495	ug/l	99
41) Methacrylonitrile	7.13	41	128466	94.361	ug/l	96
42) 1,2-Dichloroethane	8.08	62	282054	91.466	ug/l	100
43) Isopropyl Acetate	8.13	43	414772	90.690	ug/l #	91
44) Trichloroethene	8.80	130	235341	87.779	ug/l	98
45) 1,2-Dichloropropane	9.08	63	228939	96.056	ug/l	98
46) Dibromomethane	9.17	93	148940	93.882	ug/l	99
47) Bromodichloromethane	9.37	83	307129	96.212	ug/l	100
48) Methyl methacrylate	9.16	41	204867	93.770	ug/l	98
49) 1,4-Dioxane	9.17	88	72457	1758.514	ug/l	97
51) 4-Methyl-2-Pentanone	9.95	43	1254989	457.573	ug/l	99
52) Toluene	10.12	92	544074	96.557	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	341820	96.609	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	372903	98.094	ug/l	99
55) 1,1,2-Trichloroethane	10.53	97	221891	95.119	ug/l	99
56) Ethyl methacrylate	10.40	69	317015	100.234	ug/l	99
57) 1,3-Dichloropropane	10.68	76	366923	96.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	726415	416.646	ug/l	99
59) 2-Hexanone	10.72	43	919376	466.177	ug/l	99
60) Dibromochloromethane	10.87	129	258565	100.167	ug/l	99
61) 1,2-Dibromoethane	10.98	107	222621	94.537	ug/l	97
64) Tetrachloroethene	10.60	164	240806	83.592	ug/l	99
65) Chlorobenzene	11.41	112	599739	92.926	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	232531	98.049	ug/l	98
67) Ethyl Benzene	11.48	91	1046602	97.751	ug/l	99
68) m/p-Xylenes	11.59	106	811702	199.075	ug/l	99
69) o-Xylene	11.92	106	388599	100.611	ug/l	99
70) Styrene	11.94	104	675948	103.603	ug/l	99
71) Bromoform	12.10	173	181118	96.138	ug/l #	98
73) Isopropylbenzene	12.22	105	1019966	95.962	ug/l	100
74) N-amyl acetate	12.04	43	373442	90.859	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	292209	93.461	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	284368m	87.388	ug/l	
77) Bromobenzene	12.50	156	265039	92.224	ug/l	99
78) n-propylbenzene	12.56	91	1160187	96.180	ug/l	100
79) 2-Chlorotoluene	12.65	91	689506	92.344	ug/l	100
80) 1,3,5-Trimethylbenzene	12.70	105	869735	98.513	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	108521	92.243	ug/l	98
82) 4-Chlorotoluene	12.75	91	738504	94.277	ug/l	99
83) tert-Butylbenzene	12.97	119	725420	98.001	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	885061	98.928	ug/l	100
85) sec-Butylbenzene	13.14	105	934448	95.598	ug/l	100
86) p-Isopropyltoluene	13.26	119	887594	99.744	ug/l	99
87) 1,3-Dichlorobenzene	13.25	146	480630	94.104	ug/l	99
88) 1,4-Dichlorobenzene	13.33	146	480796	89.053	ug/l	98
89) n-Butylbenzene	13.59	91	736457	94.750	ug/l	99
90) Hexachloroethane	13.85	117	154268	99.237	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	472490	94.176	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	59439	86.346	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	255636	84.238	ug/l	99
94) Hexachlorobutadiene	14.98	225	129216	83.515	ug/l	99
95) Naphthalene	15.10	128	762775	84.240	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	241422	80.914	ug/l	99

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

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