

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061430.D
 Acq On : 18 May 2020 12:23
 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
 5/19/2020 4:25:37 PM

Quant Time: May 18 12:46:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 12:26:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	326323	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	594329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	563248	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	276785	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	466003	93.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	186.12%	
35) Dibromofluoromethane	7.55	113	287348	96.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	192.46%	
50) Toluene-d8	10.06	98	1455264	98.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	197.34%	
62) 4-Bromofluorobenzene	12.37	95	557729	102.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	204.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	281362	106.576	ug/l	99
3) Chloromethane	2.03	50	388329	75.317	ug/l	99
4) Vinyl Chloride	2.16	62	571504	72.352	ug/l	98
5) Bromomethane	2.53	94	310429	72.523	ug/l	100
6) Chloroethane	2.67	64	381623	68.102	ug/l	99
7) Trichlorofluoromethane	2.98	101	825643	85.159	ug/l	99
8) Diethyl Ether	3.37	74	212901	97.424	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	311635	100.900	ug/l	99
10) Methyl Iodide	3.91	142	384056	99.895	ug/l	99
11) Tert butyl alcohol	4.73	59	257090	680.627	ug/l	100
12) 1,1-Dichloroethene	3.70	96	316547	95.697	ug/l	95
13) Acrolein	3.56	56	194041	453.743	ug/l	99
14) Allyl chloride	4.27	41	490608	83.662	ug/l	94
15) Acrylonitrile	4.93	53	811732	503.140	ug/l	99
16) Acetone	3.77	43	617555	488.537	ug/l	99
17) Carbon Disulfide	4.01	76	702812	82.558	ug/l	99
18) Methyl Acetate	4.27	43	327460	88.527	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	1222144	94.375	ug/l	98
20) Methylene Chloride	4.50	84	382017	95.750	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	379526	94.871	ug/l	98
22) Diisopropyl ether	5.90	45	1177637	90.274	ug/l	98
23) Vinyl Acetate	5.84	43	4727823	445.220	ug/l	98
24) 1,1-Dichloroethane	5.80	63	693127	93.029	ug/l	100
25) 2-Butanone	6.78	43	1037998	496.054	ug/l	98
26) 2,2-Dichloropropane	6.77	77	643493	100.861	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	444441	95.668	ug/l	98
28) Bromochloromethane	7.15	49	314762	96.211	ug/l	97
29) Tetrahydrofuran	7.17	42	683603	481.257	ug/l	98
30) Chloroform	7.33	83	746883	95.510	ug/l	100
31) Cyclohexane	7.61	56	609627	83.350	ug/l	99
32) 1,1,1-Trichloroethane	7.53	97	676197	97.147	ug/l	98
36) 1,1-Dichloropropene	7.75	75	555887	93.751	ug/l	99
37) Ethyl Acetate	6.88	43	460515	93.166	ug/l	100
38) Carbon Tetrachloride	7.73	117	541818	106.591	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	683785	96.897	ug/l	98
40) Benzene	8.00	78	1651961	94.660	ug/l	99
41) Methacrylonitrile	7.13	41	183163m	79.854	ug/l	
42) 1,2-Dichloroethane	8.09	62	587246	93.615	ug/l	100
43) Isopropyl Acetate	8.13	43	836310	87.994	ug/l	99
44) Trichloroethene	8.80	130	444810	98.640	ug/l	99
45) 1,2-Dichloropropane	9.08	63	409795	93.218	ug/l	100
46) Dibromomethane	9.18	93	289195	97.828	ug/l	97
47) Bromodichloromethane	9.37	83	617268	96.181	ug/l	97
48) Methyl methacrylate	9.17	41	377788	87.840	ug/l	99
49) 1,4-Dioxane	9.17	88	82881	2971.026	ug/l	99
51) 4-Methyl-2-Pentanone	9.95	43	2333805	456.013	ug/l	99
52) Toluene	10.12	92	1101549	99.440	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	692613	98.687	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	727125	98.227	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	410652	99.637	ug/l	97
56) Ethyl methacrylate	10.40	69	662450	98.303	ug/l	98
57) 1,3-Dichloropropane	10.68	76	700472	97.547	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	1404104	493.303	ug/l	98
59) 2-Hexanone	10.72	43	1699042	484.625	ug/l	100
60) Dibromochloromethane	10.87	129	476724	104.039	ug/l	100
61) 1,2-Dibromoethane	10.98	107	435312	100.416	ug/l	100
64) Tetrachloroethene	10.60	164	444077	100.703	ug/l	99
65) Chlorobenzene	11.41	112	1150518	98.418	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	425509	103.123	ug/l	98
67) Ethyl Benzene	11.48	91	2116943	97.756	ug/l	97
68) m/p-Xylenes	11.59	106	1652396	203.113	ug/l	95
69) o-Xylene	11.92	106	794710	100.711	ug/l	96
70) Styrene	11.94	104	1375566	103.827	ug/l	99
71) Bromoform	12.10	173	321079	110.484	ug/l #	99
73) Isopropylbenzene	12.22	105	2103655	93.380	ug/l	99
74) N-amyl acetate	12.04	43	764505	86.766	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	560266	87.246	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	541539m	93.681	ug/l	
77) Bromobenzene	12.50	156	480127	97.375	ug/l	95
78) n-propylbenzene	12.56	91	2410758	91.801	ug/l	98
79) 2-Chlorotoluene	12.65	91	1419617	92.208	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1790086	94.946	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	221416	100.170	ug/l	95
82) 4-Chlorotoluene	12.75	91	1519257	93.918	ug/l	100
83) tert-Butylbenzene	12.97	119	1517077	94.323	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1787440	95.007	ug/l	99
85) sec-Butylbenzene	13.15	105	2060777	94.928	ug/l	100
86) p-Isopropyltoluene	13.26	119	1879633	99.741	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	895875	100.195	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	900964	98.120	ug/l	99
89) n-Butylbenzene	13.59	91	1705387	99.730	ug/l	99
90) Hexachloroethane	13.85	117	257699	99.249	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	846225	99.001	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	116469	94.333	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	491442	104.855	ug/l	99
94) Hexachlorobutadiene	14.99	225	198711	110.094	ug/l	99
95) Naphthalene	15.10	128	1578613	104.002	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	479027	102.265	ug/l	100

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

