

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
 Data File : VN061423.D
 Acq On : 15 May 2020 22:32
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Quant Time: May 16 02:57:02 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051620W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 16 02:35:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	204326	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	375548	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	362160	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	174754	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	498059	154.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	309.16%	
35) Dibromofluoromethane	7.55	113	252945	117.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	234.36%	
50) Toluene-d8	10.06	98	1511167	165.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	331.38%	
62) 4-Bromofluorobenzene	12.38	95	574307	167.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	334.54%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	275389	134.561	ug/l	99
3) Chloromethane	2.03	50	422457	157.177	ug/l	99
4) Vinyl Chloride	2.16	62	678004	207.014	ug/l	100
5) Bromomethane	2.53	94	358839	209.287	ug/l	97
6) Chloroethane	2.67	64	442133	208.741	ug/l	100
7) Trichlorofluoromethane	2.98	101	707076	192.303	ug/l	100
8) Diethyl Ether	3.37	74	205979	150.329	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	288507	136.955	ug/l	98
10) Methyl Iodide	3.91	142	371876	138.621	ug/l	99
11) Tert butyl alcohol	4.73	59	155614	405.512	ug/l	99
12) 1,1-Dichloroethene	3.70	96	307956	145.115	ug/l	99
13) Acrolein	3.56	56	174669	618.400	ug/l	99
14) Allyl chloride	4.27	41	524046	136.680	ug/l	99
15) Acrylonitrile	4.93	53	784159	620.641	ug/l	99
16) Acetone	3.77	43	492980	323.486	ug/l	99
17) Carbon Disulfide	4.01	76	692288	120.917	ug/l	100
18) Methyl Acetate	4.27	43	322685	78.343	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	1236109	151.530	ug/l	99
20) Methylene Chloride	4.50	84	376638	151.269	ug/l	97
21) trans-1,2-Dichloroethene	4.99	96	380833	163.086	ug/l	99
22) Diisopropyl ether	5.90	45	1249309	138.272	ug/l	98
23) Vinyl Acetate	5.84	43	4921213	677.393	ug/l	97
24) 1,1-Dichloroethane	5.80	63	701527	146.405	ug/l	99
25) 2-Butanone	6.79	43	940099	526.517	ug/l	98
26) 2,2-Dichloropropane	6.78	77	556559	137.393	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	441688	159.745	ug/l	100
28) Bromochloromethane	7.15	49	309038	134.251	ug/l	96
29) Tetrahydrofuran	7.17	42	655798	542.680	ug/l	97
30) Chloroform	7.33	83	734458	150.419	ug/l	99
31) Cyclohexane	7.61	56	636303	136.725	ug/l	98
32) 1,1,1-Trichloroethane	7.53	97	662821	154.964	ug/l	99
36) 1,1-Dichloropropene	7.75	75	558870	150.197	ug/l	99
37) Ethyl Acetate	6.88	43	459624	110.316	ug/l	99
38) Carbon Tetrachloride	7.73	117	530204	176.293	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	670835	158.215	ug/l	99
40) Benzene	8.00	78	1655498	148.588	ug/l	100
41) Methacrylonitrile	7.12	41	214719	119.415	ug/l	87
42) 1,2-Dichloroethane	8.08	62	595700	142.392	ug/l	99
43) Isopropyl Acetate	8.13	43	873201	123.760	ug/l	99
44) Trichloroethene	8.80	130	435325	145.262	ug/l	97
45) 1,2-Dichloropropane	9.08	63	411886	139.342	ug/l	97
46) Dibromomethane	9.17	93	290124	157.038	ug/l	98
47) Bromodichloromethane	9.37	83	610849	154.173	ug/l	99
48) Methyl methacrylate	9.17	41	399154	125.706	ug/l	98
49) 1,4-Dioxane	9.17	88	50235	1474.818	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	2386569	583.102	ug/l	97
52) Toluene	10.13	92	1120788	165.592	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	699073	156.576	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	721358	152.974	ug/l	96
55) 1,1,2-Trichloroethane	10.54	97	403747	150.547	ug/l	98
56) Ethyl methacrylate	10.40	69	676371	167.232	ug/l	97
57) 1,3-Dichloropropane	10.68	76	689878	147.175	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	1473250	695.073	ug/l	98
59) 2-Hexanone	10.72	43	1679997	569.406	ug/l	97
60) Dibromochloromethane	10.88	129	464995	164.503	ug/l	100
61) 1,2-Dibromoethane	10.98	107	429200	159.490	ug/l	100
64) Tetrachloroethene	10.60	164	433884	140.899	ug/l	99
65) Chlorobenzene	11.41	112	1127971	156.756	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	416952	161.471	ug/l	99
67) Ethyl Benzene	11.49	91	2128207	157.926	ug/l	98
68) m/p-Xylenes	11.60	106	1650629	333.638	ug/l	93
69) o-Xylene	11.92	106	790861	166.408	ug/l	97
70) Styrene	11.94	104	1409073	176.450	ug/l	99
71) Bromoform	12.10	173	310575	165.919	ug/l #	100
73) Isopropylbenzene	12.22	105	2089035	161.639	ug/l	99
74) N-amyl acetate	12.05	43	828373	131.635	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	549266	139.041	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	517815m	142.357	ug/l	
77) Bromobenzene	12.50	156	455520	154.316	ug/l	99
78) n-propylbenzene	12.57	91	2418149	158.269	ug/l	98
79) 2-Chlorotoluene	12.65	91	1419108	157.881	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	1780335	165.953	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	214441	150.417	ug/l	97
82) 4-Chlorotoluene	12.75	91	1548569	163.544	ug/l	100
83) tert-Butylbenzene	12.97	119	1458447	162.159	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	1800634	163.413	ug/l	100
85) sec-Butylbenzene	13.15	105	2009322	163.437	ug/l	100
86) p-Isopropyltoluene	13.26	119	1844172	166.544	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	871954	160.104	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	866491	155.428	ug/l	98
89) n-Butylbenzene	13.59	91	1667341	164.508	ug/l	99
90) Hexachloroethane	13.85	117	247753	227.275	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	809866	154.959	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	114106	138.331	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.89	180	470848	150.419	ug/l	99
94) Hexachlorobutadiene	14.98	225	171787	132.644	ug/l	99
95) Naphthalene	15.11	128	1538305	151.217	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	449543	145.594	ug/l	99

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

