

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
 Data File : VN061420.D
 Acq On : 15 May 2020 21:22
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: May 16 02:51:03 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	156827	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	295367	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	279110	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	124487	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	46722	18.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.78%	
35) Dibromofluoromethane	7.55	113	30148	17.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.52%	
50) Toluene-d8	10.06	98	134128	18.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	37.40%	
62) 4-Bromofluorobenzene	12.38	95	48260	17.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	35.74%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	23636	15.047	ug/l	100
3) Chloromethane	2.03	50	49773	24.127	ug/l	100
4) Vinyl Chloride	2.16	62	79533	31.639	ug/l	99
5) Bromomethane	2.54	94	42906	32.603	ug/l	94
6) Chloroethane	2.67	64	53228	32.741	ug/l	97
7) Trichlorofluoromethane	2.98	101	83891	29.726	ug/l	99
8) Diethyl Ether	3.37	74	19402	18.449	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	28690	17.744	ug/l	97
10) Methyl Iodide	3.91	142	34711	16.858	ug/l #	95
11) Tert butyl alcohol	4.74	59	13899	47.189	ug/l	100
12) 1,1-Dichloroethene	3.70	96	29502	18.112	ug/l	98
13) Acrolein	3.57	56	18650	86.027	ug/l	98
14) Allyl chloride	4.28	41	49984	16.985	ug/l	96
15) Acrylonitrile	4.93	53	74306	76.624	ug/l	99
16) Acetone	3.78	43	45291	38.720	ug/l	98
17) Carbon Disulfide	4.01	76	82066	18.675	ug/l	100
18) Methyl Acetate	4.28	43	30700	9.711	ug/l	97
19) Methyl tert-butyl Ether	4.99	73	117626	18.787	ug/l	98
20) Methylene Chloride	4.51	84	36181	18.932	ug/l	98
21) trans-1,2-Dichloroethene	4.99	96	35894	20.027	ug/l	99
22) Diisopropyl ether	5.90	45	121768	17.559	ug/l	95
23) Vinyl Acetate	5.85	43	495533	88.868	ug/l	100
24) 1,1-Dichloroethane	5.80	63	69416	18.874	ug/l	99
25) 2-Butanone	6.79	43	92802	67.717	ug/l	98
26) 2,2-Dichloropropane	6.78	77	56213	18.080	ug/l	98
27) cis-1,2-Dichloroethene	6.78	96	43067	20.294	ug/l	98
28) Bromochloromethane	7.15	49	33498	18.959	ug/l	100
29) Tetrahydrofuran	7.17	42	62058	66.907	ug/l	98
30) Chloroform	7.33	83	71829	19.166	ug/l	98
31) Cyclohexane	7.61	56	67888	19.006	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	63672	19.395	ug/l	98
36) 1,1-Dichloropropene	7.75	75	54515	18.628	ug/l	99
37) Ethyl Acetate	6.88	43	42480	12.964	ug/l	95
38) Carbon Tetrachloride	7.74	117	47767	20.194	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
 Data File : VN061420.D
 Acq On : 15 May 2020 21:22
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: May 16 02:51:03 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)
39) Methylcyclohexane	9.05	83	65192	19.549	ug/l	96
40) Benzene	8.00	78	162948	18.595	ug/l	99
41) Methacrylonitrile	7.12	41	26027	18.404	ug/l	95
42) 1,2-Dichloroethane	8.09	62	60419	18.363	ug/l	98
43) Isopropyl Acetate	8.13	43	90586	16.324	ug/l	99
44) Trichloroethene	8.80	130	43143	18.304	ug/l	97
45) 1,2-Dichloropropane	9.08	63	42254	18.175	ug/l	98
46) Dibromomethane	9.17	93	28436	19.570	ug/l	98
47) Bromodichloromethane	9.37	83	59857	19.209	ug/l	97
48) Methyl methacrylate	9.17	41	39520	15.825	ug/l	99
49) 1,4-Dioxane	9.17	88	4308	160.809	ug/l #	89
51) 4-Methyl-2-Pentanone	9.95	43	243958	75.786	ug/l	98
52) Toluene	10.12	92	101857	19.134	ug/l	96
53) t-1,3-Dichloropropene	10.35	75	64792	18.451	ug/l	97
54) cis-1,3-Dichloropropene	9.81	75	68498	18.469	ug/l	99
55) 1,1,2-Trichloroethane	10.54	97	39079	18.527	ug/l	95
56) Ethyl methacrylate	10.40	69	63023	19.812	ug/l	95
57) 1,3-Dichloropropane	10.68	76	68723	18.641	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	136249	81.732	ug/l	100
59) 2-Hexanone	10.72	43	162494	70.025	ug/l	99
60) Dibromochloromethane	10.88	129	42121	18.946	ug/l	99
61) 1,2-Dibromoethane	10.98	107	40990	19.367	ug/l	99
64) Tetrachloroethene	10.60	164	40320	16.990	ug/l	98
65) Chlorobenzene	11.41	112	106351	19.178	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	38503	19.348	ug/l	99
67) Ethyl Benzene	11.49	91	202840	19.531	ug/l	100
68) m/p-Xylenes	11.60	106	150687	39.521	ug/l	99
69) o-Xylene	11.92	106	72421	19.773	ug/l	100
70) Styrene	11.94	104	120754	19.621	ug/l	99
71) Bromoform	12.10	173	26465	18.345	ug/l #	99
73) Isopropylbenzene	12.22	105	193262	20.992	ug/l	100
74) N-amyl acetate	12.05	43	77343	17.253	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	54436	19.344	ug/l	99
76) 1,2,3-Trichloropropane	12.53	75	54463m	21.019	ug/l	
77) Bromobenzene	12.50	156	41718	19.839	ug/l	99
78) n-propylbenzene	12.57	91	224646	20.640	ug/l	99
79) 2-Chlorotoluene	12.65	91	131433	20.527	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	160726	21.032	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	18363	18.082	ug/l	99
82) 4-Chlorotoluene	12.75	91	135380	20.071	ug/l	98
83) tert-Butylbenzene	12.97	119	132773	20.723	ug/l	99
84) 1,2,4-Trimethylbenzene	13.01	105	161952	20.633	ug/l	99
85) sec-Butylbenzene	13.15	105	186947	21.346	ug/l	98
86) p-Isopropyltoluene	13.26	119	161051	20.417	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	75326	19.416	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	76850	19.351	ug/l	97
89) n-Butylbenzene	13.59	91	145473	20.149	ug/l	99
90) Hexachloroethane	13.85	117	21846	28.132	ug/l	98
91) 1,2-Dichlorobenzene	13.63	146	75002	20.146	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.25	75	10452	17.787	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051620\
Data File : VN061420.D
Acq On : 15 May 2020 21:22
Operator : JC/MD
Sample : VSTDIC020
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Quant Time: May 16 02:51:03 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)
93) 1,2,4-Trichlorobenzene	14.89	180	40746	18.273	ug/l	99
94) Hexachlorobutadiene	14.99	225	15712	17.031	ug/l	98
95) Naphthalene	15.11	128	132536	18.289	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	40269	18.308	ug/l	99

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

