

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
 Data File : VN066492.D
 Acq On : 6 Apr 2021 13:54
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

SAM
 4/7/2021 5:47:24 PM

Quant Time: Apr 06 14:14:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 12:45:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.584	168	285744	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	436075	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.350	117	401008	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.289	152	178858	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.949	65	66011	17.47	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	34.94%#		
35) Dibromofluoromethane	7.504	113	52928	17.61	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	35.22%#		
50) Toluene-d8	10.028	98	194888	17.37	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	34.74%#		
62) 4-Bromofluorobenzene	12.348	95	58993	16.44	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	32.88%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.818	85	61591	18.88	ug/l	99
3) Chloromethane	2.017	50	76216	18.02	ug/l	100
4) Vinyl Chloride	2.143	62	88773	19.15	ug/l	99
5) Bromomethane	2.510	94	63847	19.01	ug/l	97
6) Chloroethane	2.647	64	58386	18.59	ug/l	100
7) Trichlorofluoromethane	2.958	101	116681	18.57	ug/l	99
8) Diethyl Ether	3.339	74	32253	19.07	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.679	101	52360	19.25	ug/l	97
10) Methyl Iodide	3.870	142	71153	18.15	ug/l	99
11) Tert butyl alcohol	4.682	59	54235	107.25	ug/l #	83
12) 1,1-Dichloroethene	3.658	96	49228	18.94	ug/l	90
13) Acrolein	3.532	56	30435	94.65	ug/l	99
14) Allyl chloride	4.235	41	85019	19.26	ug/l	97
15) Acrylonitrile	4.876	53	159844	105.95	ug/l	99
16) Acetone	3.733	43	133197	91.71	ug/l	98
17) Carbon Disulfide	3.969	76	149794	18.89	ug/l	99
18) Methyl Acetate	4.232	43	68879	18.01	ug/l	95
19) Methyl tert-butyl Ether	4.937	73	170399	18.79	ug/l	98
20) Methylene Chloride	4.455	84	61649	18.36	ug/l	95
21) trans-1,2-Dichloroethene	4.935	96	55839	18.60	ug/l	97
22) Diisopropyl ether	5.849	45	183193	18.65	ug/l	89
23) Vinyl Acetate	5.793	43	806921	95.01	ug/l	97
24) 1,1-Dichloroethane	5.745	63	105057	18.41	ug/l	98
25) 2-Butanone	6.740	43	212163	94.32	ug/l	99
26) 2,2-Dichloropropane	6.726	77	91869	18.83	ug/l	99
27) cis-1,2-Dichloroethene	6.731	96	63188	20.05	ug/l	99
28) Bromochloromethane	7.104	49	52195	18.24	ug/l	100
29) Tetrahydrofuran	7.120	42	140338	91.70	ug/l	97
30) Chloroform	7.284	83	107230	18.46	ug/l	97
31) Cyclohexane	7.571	56	90189	15.89	ug/l	98
32) 1,1,1-Trichloroethane	7.485	97	93530	18.45	ug/l	98
36) 1,1-Dichloropropene	7.713	75	73480	17.63	ug/l	98
37) Ethyl Acetate	6.836	43	94264	19.35	ug/l	99
38) Carbon Tetrachloride	7.692	117	80983	18.14	ug/l	96
39) Methylcyclohexane	9.011	83	83692	17.91	ug/l	98
40) Benzene	7.963	78	243737	18.31	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
 Data File : VN066492.D
 Acq On : 6 Apr 2021 13:54
 Operator : JC/MD
 Sample : VSTDIC020
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Manual Integrations
 APPROVED

SAM
 4/7/2021 5:47:24 PM

Quant Time: Apr 06 14:14:31 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 06 12:45:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.099	41	51295m	17.02	ug/l	
42) 1,2-Dichloroethane	8.046	62	85750	18.63	ug/l	99
43) Isopropyl Acetate	8.089	43	145389	18.59	ug/l	100
44) Trichloroethene	8.764	130	61388	18.36	ug/l	99
45) 1,2-Dichloropropane	9.049	63	62958	17.65	ug/l	95
46) Dibromomethane	9.140	93	42957	18.45	ug/l	98
47) Bromodichloromethane	9.336	83	85840	18.25	ug/l	98
48) Methyl methacrylate	9.132	41	60824	17.44	ug/l	93
49) 1,4-Dioxane	9.129	88	16883	357.06	ug/l	98
51) 4-Methyl-2-Pentanone	9.920	43	441974	94.04	ug/l	99
52) Toluene	10.092	92	148166	18.46	ug/l	100
53) t-1,3-Dichloropropene	10.323	75	87235	17.79	ug/l	99
54) cis-1,3-Dichloropropene	9.773	75	97830	18.43	ug/l	97
55) 1,1,2-Trichloroethane	10.500	97	61086	18.36	ug/l	99
56) Ethyl methacrylate	10.371	69	77411	17.93	ug/l	96
57) 1,3-Dichloropropane	10.647	76	98199	18.03	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.633	63	49199	82.31	ug/l	100
59) 2-Hexanone	10.693	43	286346	95.65	ug/l	99
60) Dibromochloromethane	10.840	129	65258	17.74	ug/l	98
61) 1,2-Dibromoethane	10.945	107	62643	18.60	ug/l	99
64) Tetrachloroethene	10.572	164	64481	19.25	ug/l	98
65) Chlorobenzene	11.374	112	153056	18.28	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.452	131	59082	18.22	ug/l	99
67) Ethyl Benzene	11.454	91	259769	18.43	ug/l	100
68) m/p-Xylenes	11.564	106	190719	36.21	ug/l	98
69) o-Xylene	11.892	106	96186	19.04	ug/l	95
70) Styrene	11.910	104	140802	17.98	ug/l	97
71) Bromoform	12.074	173	46053	18.00	ug/l #	99
73) Isopropylbenzene	12.195	105	245766	19.60	ug/l	99
74) N-amyl acetate	12.034	43	20567	7.87	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.447	83	89580	19.93	ug/l	97
76) 1,2,3-Trichloropropane	12.498	75	79248m	15.83	ug/l	
77) Bromobenzene	12.468	156	61937	18.83	ug/l	99
78) n-propylbenzene	12.535	91	267160	19.26	ug/l	99
79) 2-Chlorotoluene	12.618	91	165971	19.65	ug/l	99
80) 1,3,5-Trimethylbenzene	12.677	105	201596	19.36	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.251	75	17766	16.87	ug/l	91
82) 4-Chlorotoluene	12.718	91	159617	19.32	ug/l	99
83) tert-Butylbenzene	12.938	119	166999	18.66	ug/l	99
84) 1,2,4-Trimethylbenzene	12.986	105	187898	18.94	ug/l	99
85) sec-Butylbenzene	13.117	105	218562	18.85	ug/l	97
86) p-Isopropyltoluene	13.235	119	189353	19.18	ug/l	100
87) 1,3-Dichlorobenzene	13.230	146	105909	18.84	ug/l	99
88) 1,4-Dichlorobenzene	13.308	146	104841	17.95	ug/l	98
89) n-Butylbenzene	13.562	91	150282	17.80	ug/l	98
90) Hexachloroethane	13.817	117	38496	18.06	ug/l	96
91) 1,2-Dichlorobenzene	13.597	146	105412	18.41	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.238	75	15604	16.87	ug/l	98
93) 1,2,4-Trichlorobenzene	14.984	180	57204	18.08	ug/l	99
94) Hexachlorobutadiene	15.110	225	35055	18.62	ug/l	99
95) Naphthalene	15.268	128	159482	19.17	ug/l	99
96) 1,2,3-Trichlorobenzene	15.504	180	57983	18.86	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040621\
Data File : VN066492.D
Acq On : 6 Apr 2021 13:54
Operator : JC/MD
Sample : VSTDIC020
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC020

Manual Integrations
APPROVED

SAM
4/7/2021 5:47:24 PM

Quant Time: Apr 06 14:14:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040621W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 06 12:45:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

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

