

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071649.D
 Acq On : 30 Mar 2022 10:51
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Quant Time: Mar 30 12:07:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 12:03:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	563329	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	884920	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	777156	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	289345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	63521	9.482	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	18.960%#		
35) Dibromofluoromethane	8.016	113	52967	9.832	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	19.660%#		
50) Toluene-d8	10.439	98	210961	9.491	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	18.980%#		
62) 4-Bromofluorobenzene	12.727	95	62998	8.666	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	17.340%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	45196	8.344	ug/l	99
3) Chloromethane	2.304	50	55024	8.583	ug/l	94
4) Vinyl Chloride	2.446	62	58932	8.268	ug/l	99
5) Bromomethane	2.857	94	42186	10.124	ug/l	95
6) Chloroethane	3.022	64	41308	8.012	ug/l	97
7) Trichlorofluoromethane	3.375	101	75542	8.844	ug/l	98
8) Diethyl Ether	3.828	74	32958	9.257	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.228	101	45876	8.834	ug/l	96
10) Methyl Iodide	4.428	142	65330	8.586	ug/l	99
11) Tert butyl alcohol	5.351	59	48614	41.064	ug/l	99
12) 1,1-Dichloroethene	4.187	96	45252	9.036	ug/l	86
13) Acrolein	4.040	56	61661	57.032	ug/l	95
14) Allyl chloride	4.834	41	71409	8.880	ug/l	97
15) Acrylonitrile	5.545	53	146097	43.999	ug/l	99
16) Acetone	4.287	43	136317	48.966	ug/l	98
17) Carbon Disulfide	4.539	76	94262	7.608	ug/l	100
18) Methyl Acetate	4.851	43	69580	8.079	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	164725	8.939	ug/l	98
20) Methylene Chloride	5.092	84	54382	8.888	ug/l	95
21) trans-1,2-Dichloroethene	5.604	96	47529	8.829	ug/l	95
22) Diisopropyl ether	6.492	45	162066	9.409	ug/l	96
23) Vinyl Acetate	6.428	43	644079	44.386	ug/l	100
24) 1,1-Dichloroethane	6.386	63	92448	9.032	ug/l	97
25) 2-Butanone	7.328	43	192373	44.660	ug/l	99
26) 2,2-Dichloropropane	7.316	77	79858	9.075	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	61045	9.207	ug/l	97
28) Bromochloromethane	7.657	49	39705	9.793	ug/l	99
29) Tetrahydrofuran	7.680	42	125548	44.810	ug/l	100
30) Chloroform	7.816	83	97048	9.237	ug/l	100
31) Cyclohexane	8.092	56	86631	9.260	ug/l #	91
32) 1,1,1-Trichloroethane	8.010	97	83443	9.173	ug/l	99
36) 1,1-Dichloropropene	8.216	75	66500	8.552	ug/l	98
37) Ethyl Acetate	7.410	43	78394	9.155	ug/l	99
38) Carbon Tetrachloride	8.204	117	67120	8.731	ug/l	97
39) Methylcyclohexane	9.457	83	80361	8.381	ug/l	98
40) Benzene	8.457	78	221267	9.266	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
 Data File : VN071649.D
 Acq On : 30 Mar 2022 10:51
 Operator : JC\MD
 Sample : VSTDIC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/31/2022
 Supervised By : Mahesh Dadoda 04/01/2022

Quant Time: Mar 30 12:07:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 12:03:14 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.633	41	34401	8.297	ug/l	97
42) 1,2-Dichloroethane	8.522	62	76414	9.261	ug/l	100
43) Isopropyl Acetate	8.557	43	121358	8.056	ug/l	99
44) Trichloroethene	9.210	130	56453	8.970	ug/l	95
45) 1,2-Dichloropropane	9.486	63	56421	9.568	ug/l	100
46) Dibromomethane	9.569	93	37511	9.302	ug/l	98
47) Bromodichloromethane	9.757	83	74851	9.417	ug/l	98
48) Methyl methacrylate	9.557	41	52285	8.610	ug/l	98
49) 1,4-Dioxane	9.563	88	23237	171.641	ug/l	100
51) 4-Methyl-2-Pentanone	10.321	43	371184	44.434	ug/l	99
52) Toluene	10.498	92	139836	9.085	ug/l	99
53) t-1,3-Dichloropropene	10.716	75	76317	8.826	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	83303	8.861	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	58438	9.401	ug/l	96
56) Ethyl methacrylate	10.757	69	80869	8.736	ug/l	99
57) 1,3-Dichloropropane	11.039	76	96663	9.330	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.033	63	83593	35.432	ug/l	100
59) 2-Hexanone	11.080	43	254690	42.672	ug/l	100
60) Dibromochloromethane	11.233	129	55874	8.990	ug/l	100
61) 1,2-Dibromoethane	11.339	107	55900	8.918	ug/l	99
64) Tetrachloroethene	10.974	164	49415	9.236	ug/l	98
65) Chlorobenzene	11.768	112	148584	9.180	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	55436	9.557	ug/l	99
67) Ethyl Benzene	11.839	91	252496	9.048	ug/l	100
68) m/p-Xylenes	11.951	106	196078	18.460	ug/l	99
69) o-Xylene	12.274	106	97157	9.110	ug/l	99
70) Styrene	12.292	104	141647	8.703	ug/l	99
71) Bromoform	12.451	173	39752	8.675	ug/l #	100
73) Isopropylbenzene	12.574	105	243624	9.615	ug/l	100
74) N-amyl acetate	12.386	43	66428	8.630	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.821	83	82344	9.714	ug/l	97
76) 1,2,3-Trichloropropane	12.874	75	70646m	10.180	ug/l	
77) Bromobenzene	12.851	156	58542	9.177	ug/l	98
78) n-propylbenzene	12.915	91	250138	9.153	ug/l	99
79) 2-Chlorotoluene	13.004	91	163589	9.558	ug/l	99
80) 1,3,5-Trimethylbenzene	13.051	105	196890	9.840	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.621	75	19904	8.281	ug/l	95
82) 4-Chlorotoluene	13.098	91	147258	9.219	ug/l	99
83) tert-Butylbenzene	13.321	119	179029	9.742	ug/l	99
84) 1,2,4-Trimethylbenzene	13.362	105	193055	9.836	ug/l	100
85) sec-Butylbenzene	13.498	105	226154	9.331	ug/l	99
86) p-Isopropyltoluene	13.609	119	179846	9.322	ug/l	99
87) 1,3-Dichlorobenzene	13.609	146	94066	9.146	ug/l	99
88) 1,4-Dichlorobenzene	13.692	146	91596	8.970	ug/l	98
89) n-Butylbenzene	13.939	91	126445	8.675	ug/l	98
90) Hexachloroethane	14.204	117	33685	9.312	ug/l	98
91) 1,2-Dichlorobenzene	13.986	146	95179	9.472	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	12277	8.402	ug/l	97
93) 1,2,4-Trichlorobenzene	15.256	180	33747	7.590	ug/l	98
94) Hexachlorobutadiene	15.362	225	27585	9.818	ug/l	97
95) Naphthalene	15.503	128	72660	6.007	ug/l	99
96) 1,2,3-Trichlorobenzene	15.692	180	29935	6.734	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN033022\
Data File : VN071649.D
Acq On : 30 Mar 2022 10:51
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :John Carlone 03/31/2022
Supervised By :Mahesh Dadoda 04/01/2022

Quant Time: Mar 30 12:07:06 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 30 12:03:14 2022
Response via : Initial Calibration

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

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

