

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074944.D
 Acq On : 20 Oct 2022 16:04
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/21/2022
 Supervised By : Mahesh Dadoda 10/21/2022

Quant Time: Oct 21 03:06:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 03:02:02 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	489871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	876640	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	993378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	773702	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	1234082	104.857	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 209.720%#	
35) Dibromofluoromethane	8.171	113	1017772	106.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 212.460%#	
50) Toluene-d8	10.571	98	4121205	107.344	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 214.680%#	
62) 4-Bromofluorobenzene	12.853	95	1583959	143.501	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 287.000%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	699873	85.443	ug/l	95
3) Chloromethane	2.371	50	742328	62.162	ug/l	98
4) Vinyl Chloride	2.524	62	1176059	62.401	ug/l	95
5) Bromomethane	2.918	94	850444	46.480	ug/l	99
6) Chloroethane	3.089	64	869352	50.657	ug/l	93
7) Trichlorofluoromethane	3.483	101	1308141	99.846	ug/l	100
8) Diethyl Ether	3.971	74	535805	92.224	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.371	101	772334	96.892	ug/l	99
10) Methyl Iodide	4.595	142	1098306	99.228	ug/l	99
11) Tert butyl alcohol	5.547	59	1347441	490.308	ug/l	99
12) 1,1-Dichloroethene	4.342	96	715036	92.434	ug/l	93
13) Acrolein	4.183	56	716171	397.018	ug/l	96
14) Allyl chloride	5.030	41	1169896	82.698	ug/l	97
15) Acrylonitrile	5.730	53	2830006	443.868	ug/l	98
16) Acetone	4.436	43	2296747	420.338	ug/l	99
17) Carbon Disulfide	4.712	76	1506603	88.887	ug/l	99
18) Methyl Acetate	5.036	43	1541351	79.588	ug/l	100
19) Methyl tert-butyl Ether	5.806	73	3255062	108.644	ug/l	96
20) Methylene Chloride	5.283	84	902287	81.676	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	834766	98.725	ug/l	89
22) Diisopropyl ether	6.683	45	2724357	90.165	ug/l	98
23) Vinyl Acetate	6.612	43	11276560m	464.604	ug/l	
24) 1,1-Dichloroethane	6.577	63	1656512	93.713	ug/l	99
25) 2-Butanone	7.494	43	3836212	431.581	ug/l	96
26) 2,2-Dichloropropane	7.500	77	1597477	113.779	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	1087559	101.167	ug/l	99
28) Bromochloromethane	7.818	49	738032	93.049	ug/l	93
29) Tetrahydrofuran	7.841	42	2451106	410.414	ug/l	97
30) Chloroform	7.971	83	1886519	103.546	ug/l	98
31) Cyclohexane	8.259	56	1227604	84.832	ug/l	97
32) 1,1,1-Trichloroethane	8.171	97	1689711	109.449	ug/l	98
36) 1,1-Dichloropropene	8.377	75	1266027	96.809	ug/l	99
37) Ethyl Acetate	7.571	43	1468933	83.689	ug/l	100
38) Carbon Tetrachloride	8.365	117	1450434	111.482	ug/l	96
39) Methylcyclohexane	9.600	83	1535150	103.180	ug/l	97
40) Benzene	8.612	78	3877927	92.508	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
 Data File : VN074944.D
 Acq On : 20 Oct 2022 16:04
 Operator : JC\MD
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :John Carlone 10/21/2022
 Supervised By :Mahesh Dadoda 10/21/2022

Quant Time: Oct 21 03:06:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 21 03:02:02 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	762853	82.682	ug/l	98
42) 1,2-Dichloroethane	8.677	62	1426457	101.639	ug/l	97
43) Isopropyl Acetate	8.694	43	2349883	82.785	ug/l	99
44) Trichloroethene	9.359	130	967725	102.197	ug/l	97
45) 1,2-Dichloropropane	9.624	63	994826	87.672	ug/l	98
46) Dibromomethane	9.712	93	752039	103.224	ug/l	100
47) Bromodichloromethane	9.888	83	1519505	103.955	ug/l	100
48) Methyl methacrylate	9.682	41	1047065	82.442	ug/l	98
49) 1,4-Dioxane	9.694	88	613105	2151.733	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	8101672	441.123	ug/l	98
52) Toluene	10.630	92	2776109	107.594	ug/l	97
53) t-1,3-Dichloropropene	10.835	75	1718037	114.552	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	1719926	106.278	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	1138594	106.580	ug/l	95
56) Ethyl methacrylate	10.877	69	1824488	107.308	ug/l	95
57) 1,3-Dichloropropane	11.165	76	1879126	99.666	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	3646677	522.618	ug/l	98
59) 2-Hexanone	11.200	43	6142053	454.723	ug/l	98
60) Dibromochloromethane	11.359	129	1310545	125.362	ug/l	99
61) 1,2-Dibromoethane	11.471	107	1186068	114.518	ug/l	99
64) Tetrachloroethene	11.106	164	758801	91.865	ug/l	96
65) Chlorobenzene	11.894	112	2971058	105.348	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	1176335	112.578	ug/l	97
67) Ethyl Benzene	11.965	91	5571516	112.384	ug/l	99
68) m/p-Xylenes	12.071	106	4458005	237.583	ug/l	97
69) o-Xylene	12.400	106	2259595	115.868	ug/l	99
70) Styrene	12.412	104	3886758	128.087	ug/l	99
71) Bromoform	12.582	173	1027619	138.878	ug/l #	98
73) Isopropylbenzene	12.700	105	6025416	87.630	ug/l	100
74) N-amyl acetate	12.494	43	2202671	64.841	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	1991419	74.231	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	1754010m	90.197	ug/l	
77) Bromobenzene	12.982	156	1326551	86.613	ug/l	93
78) n-propylbenzene	13.035	91	6879751	89.164	ug/l	98
79) 2-Chlorotoluene	13.123	91	4106454	93.497	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	5194608	96.610	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	687604m	95.694	ug/l	
82) 4-Chlorotoluene	13.123	91	4106454	93.497	ug/l	100
83) tert-Butylbenzene	13.441	119	4658472	93.110	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	5341994	103.839	ug/l	100
85) sec-Butylbenzene	13.618	105	6764727	99.500	ug/l	99
86) p-Isopropyltoluene	13.729	119	5834062	113.422	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	2834303	110.991	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	2773541	108.187	ug/l	98
89) n-Butylbenzene	14.059	91	4949958	116.246	ug/l	99
90) Hexachloroethane	14.335	117	1020129	94.327	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	2764322	107.359	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	453093	104.908	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	1313618	103.299	ug/l	100
94) Hexachlorobutadiene	15.500	225	591417	90.926	ug/l	99
95) Naphthalene	15.641	128	5099259	107.417	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	1256029	96.845	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102022\
Data File : VN074944.D
Acq On : 20 Oct 2022 16:04
Operator : JC\MD
Sample : VSTDICC100
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/21/2022
Supervised By :Mahesh Dadoda 10/21/2022

Quant Time: Oct 21 03:06:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102022W.M
Quant Title : SW846 8260
QLast Update : Fri Oct 21 03:02:02 2022
Response via : Initial Calibration

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

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

