

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
 Data File : VN074172.D
 Acq On : 30 Aug 2022 13:37
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: Aug 31 05:30:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 05:27:05 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/31/2022
 Supervised By : Semsettin Yesilyurt 08/31/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	213505	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	381833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	345966	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	152326	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	64513	19.479	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.960%#		
35) Dibromofluoromethane	7.951	113	50647	20.384	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	40.760%#		
50) Toluene-d8	10.380	98	191654	19.587	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	39.180%#		
62) 4-Bromofluorobenzene	12.668	95	60058	20.183	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	40.360%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	42267	17.946	ug/l	80
3) Chloromethane	2.269	50	63759	20.236	ug/l	99
4) Vinyl Chloride	2.404	62	62408	19.987	ug/l	99
5) Bromomethane	2.781	94	33557	19.850	ug/l	88
6) Chloroethane	2.957	64	43341	16.848	ug/l	90
7) Trichlorofluoromethane	3.310	101	101445	21.001	ug/l	98
8) Diethyl Ether	3.763	74	37360	19.046	ug/l	71
9) 1,1,2-Trichlorotrifluo...	4.140	101	51243	18.824	ug/l	94
10) Methyl Iodide	4.340	142	41639	19.111	ug/l	90
11) Tert butyl alcohol	5.304	59	76635	94.625	ug/l	98
12) 1,1-Dichloroethene	4.104	96	48846	19.226	ug/l #	91
13) Acrolein	3.981	56	72055	98.417	ug/l	97
14) Allyl chloride	4.757	41	109569	18.812	ug/l #	93
15) Acrylonitrile	5.469	53	241266	101.721	ug/l	97
16) Acetone	4.216	43	210085	94.445	ug/l	93
17) Carbon Disulfide	4.451	76	135790	18.974	ug/l	100
18) Methyl Acetate	4.781	43	126615	18.888	ug/l #	88
19) Methyl tert-butyl Ether	5.534	73	178385	18.899	ug/l	99
20) Methylene Chloride	5.016	84	64770	19.251	ug/l #	89
21) trans-1,2-Dichloroethene	5.510	96	54237	19.078	ug/l	86
22) Diisopropyl ether	6.416	45	225385	20.306	ug/l #	95
23) Vinyl Acetate	6.351	43	964541	101.548	ug/l #	89
24) 1,1-Dichloroethane	6.304	63	111851	19.494	ug/l	98
25) 2-Butanone	7.263	43	353098	96.064	ug/l	91
26) 2,2-Dichloropropane	7.245	77	70401	18.114	ug/l	100
27) cis-1,2-Dichloroethene	7.245	96	62139	20.115	ug/l	91
28) Bromochloromethane	7.586	49	43856	19.937	ug/l #	71
29) Tetrahydrofuran	7.610	42	240254	104.771	ug/l #	84
30) Chloroform	7.745	83	109476	18.737	ug/l	95
31) Cyclohexane	8.016	56	105417	19.264	ug/l #	84
32) 1,1,1-Trichloroethane	7.939	97	86598	19.535	ug/l	95
36) 1,1-Dichloropropene	8.151	75	78440	18.983	ug/l	96
37) Ethyl Acetate	7.339	43	135038	20.187	ug/l #	95
38) Carbon Tetrachloride	8.133	117	74256	19.372	ug/l	98
39) Methylcyclohexane	9.398	83	91546	20.035	ug/l	92
40) Benzene	8.392	78	252766	20.237	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
 Data File : VN074172.D
 Acq On : 30 Aug 2022 13:37
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :John Carlone 08/31/2022
 Supervised By :Semsettin Yesilyurt 08/31/2022

Quant Time: Aug 31 05:30:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 05:27:05 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	61127	19.437	ug/l #	87
42) 1,2-Dichloroethane	8.463	62	87845	19.188	ug/l	97
43) Isopropyl Acetate	8.498	43	180896	20.157	ug/l #	92
44) Trichloroethene	9.151	130	54192	19.578	ug/l	91
45) 1,2-Dichloropropane	9.427	63	66462	19.241	ug/l	93
46) Dibromomethane	9.510	93	43886	19.929	ug/l	90
47) Bromodichloromethane	9.698	83	84390	19.249	ug/l	95
48) Methyl methacrylate	9.498	41	88041	21.329	ug/l #	85
49) 1,4-Dioxane	9.504	88	39190	422.149	ug/l #	92
51) 4-Methyl-2-Pentanone	10.269	43	676019	105.423	ug/l	88
52) Toluene	10.445	92	151314	20.642	ug/l	96
53) t-1,3-Dichloropropene	10.663	75	81124	19.651	ug/l	95
54) cis-1,3-Dichloropropene	10.127	75	91701	19.061	ug/l #	89
55) 1,1,2-Trichloroethane	10.839	97	64359	20.116	ug/l	96
56) Ethyl methacrylate	10.704	69	97921	20.430	ug/l #	77
57) 1,3-Dichloropropane	10.986	76	107761	19.179	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.980	63	251677	103.326	ug/l	92
59) 2-Hexanone	11.027	43	517661	104.175	ug/l	88
60) Dibromochloromethane	11.174	129	61302	20.266	ug/l	98
61) 1,2-Dibromoethane	11.286	107	62305	20.124	ug/l	99
64) Tetrachloroethene	10.916	164	45442	18.322	ug/l	93
65) Chlorobenzene	11.710	112	150634	19.191	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.780	131	55859	19.452	ug/l	98
67) Ethyl Benzene	11.786	91	280238	20.415	ug/l	96
68) m/p-Xylenes	11.892	106	210981	41.992	ug/l	95
69) o-Xylene	12.221	106	104507	20.370	ug/l	94
70) Styrene	12.233	104	171819	21.027	ug/l	99
71) Bromoform	12.398	173	43255	19.199	ug/l #	100
73) Isopropylbenzene	12.515	105	269639	20.989	ug/l	98
74) N-amyl acetate	12.327	43	145553	20.574	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.768	83	107219	19.693	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	84556m	14.968	ug/l	
77) Bromobenzene	12.804	156	63273	21.374	ug/l	89
78) n-propylbenzene	12.857	91	313072	20.970	ug/l	95
79) 2-Chlorotoluene	12.945	91	185040	20.221	ug/l	96
80) 1,3,5-Trimethylbenzene	12.998	105	227309	21.146	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.568	75	29785	20.296	ug/l	94
82) 4-Chlorotoluene	13.045	91	178368	20.054	ug/l	99
83) tert-Butylbenzene	13.262	119	189330	20.824	ug/l	95
84) 1,2,4-Trimethylbenzene	13.304	105	216810	21.371	ug/l	99
85) sec-Butylbenzene	13.439	105	273107	21.314	ug/l	96
86) p-Isopropyltoluene	13.557	119	211323	21.800	ug/l	97
87) 1,3-Dichlorobenzene	13.557	146	111009	19.910	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	111223	19.535	ug/l	99
89) n-Butylbenzene	13.880	91	178335	20.252	ug/l	95
90) Hexachloroethane	14.151	117	40144	20.581	ug/l	84
91) 1,2-Dichlorobenzene	13.921	146	114170	20.365	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	21487	18.598	ug/l	86
93) 1,2,4-Trichlorobenzene	15.192	180	55217	20.383	ug/l	94
94) Hexachlorobutadiene	15.298	225	27054	19.310	ug/l	96
95) Naphthalene	15.433	128	216533	21.795	ug/l	99
96) 1,2,3-Trichlorobenzene	15.627	180	60544	20.749	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN083022\
Data File : VN074172.D
Acq On : 30 Aug 2022 13:37
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 08/31/2022
Supervised By :Semsettin Yesilyurt 08/31/2022

Quant Time: Aug 31 05:30:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N083022W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 31 05:27:05 2022
Response via : Initial Calibration

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

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

