

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078082.D
 Acq On : 06 Jun 2023 22:11
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 07 04:29:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 04:24:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	471181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	871309	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	736585	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	273477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	125471	19.972	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	39.940%#		
35) Dibromofluoromethane	8.177	113	108853	19.759	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	39.520%#		
50) Toluene-d8	10.571	98	410636	19.335	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	38.660%#		
62) 4-Bromofluorobenzene	12.853	95	127079	19.247	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	38.500%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	99016	18.590	ug/l	94
3) Chloromethane	2.371	50	106420	20.149	ug/l	97
4) Vinyl Chloride	2.518	62	138649	19.880	ug/l	99
5) Bromomethane	2.959	94	103875	19.708	ug/l	98
6) Chloroethane	3.130	64	91940	19.338	ug/l	98
7) Trichlorofluoromethane	3.506	101	184977	19.558	ug/l	96
8) Diethyl Ether	3.977	74	63854	19.215	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.383	101	98250	19.684	ug/l	96
10) Methyl Iodide	4.600	142	137395	19.464	ug/l	96
11) Tert butyl alcohol	5.536	59	88568	102.101	ug/l	99
12) 1,1-Dichloroethene	4.353	96	99876	21.330	ug/l	97
13) Acrolein	4.189	56	92098	96.332	ug/l	94
14) Allyl chloride	5.036	41	118436	18.857	ug/l	92
15) Acrylonitrile	5.730	53	221518	99.050	ug/l	96
16) Acetone	4.442	43	173382	95.883	ug/l	96
17) Carbon Disulfide	4.724	76	253870	19.169	ug/l	100
18) Methyl Acetate	5.036	43	160946	19.332	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	326955	19.916	ug/l	100
20) Methylene Chloride	5.283	84	113190	18.942	ug/l	94
21) trans-1,2-Dichloroethene	5.794	96	110343	19.883	ug/l	92
22) Diisopropyl ether	6.683	45	292286	19.784	ug/l	95
23) Vinyl Acetate	6.612	43	879300	100.121	ug/l #	92
24) 1,1-Dichloroethane	6.583	63	188831	19.375	ug/l	96
25) 2-Butanone	7.494	43	277605	99.832	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	140055	19.462	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	127600	19.276	ug/l	96
28) Bromochloromethane	7.824	49	84075	18.788	ug/l	95
29) Tetrahydrofuran	7.847	42	184966	99.501	ug/l	86
30) Chloroform	7.977	83	205971	19.626	ug/l	99
31) Cyclohexane	8.271	56	163440	20.281	ug/l	87
32) 1,1,1-Trichloroethane	8.177	97	188368	20.444	ug/l	100
36) 1,1-Dichloropropene	8.377	75	156052	19.748	ug/l	97
37) Ethyl Acetate	7.571	43	122441	19.834	ug/l	94
38) Carbon Tetrachloride	8.371	117	158522	18.998	ug/l	99
39) Methylcyclohexane	9.606	83	160944	19.653	ug/l	90
40) Benzene	8.612	78	464617	19.694	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078082.D
 Acq On : 06 Jun 2023 22:11
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: Jun 07 04:29:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 04:24:57 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	65422	19.552	ug/l	92
42) 1,2-Dichloroethane	8.677	62	158634	19.611	ug/l	100
43) Isopropyl Acetate	8.694	43	218969	18.547	ug/l	95
44) Trichloroethene	9.359	130	122073	19.594	ug/l	93
45) 1,2-Dichloropropane	9.624	63	116905	19.917	ug/l	96
46) Dibromomethane	9.712	93	84056	19.442	ug/l	96
47) Bromodichloromethane	9.894	83	161077	20.057	ug/l	99
48) Methyl methacrylate	9.688	41	92618	18.694	ug/l	97
49) 1,4-Dioxane	9.706	88	40514	389.063	ug/l #	90
51) 4-Methyl-2-Pentanone	10.453	43	616614	99.183	ug/l	93
52) Toluene	10.635	92	290902	19.530	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	163017	19.491	ug/l	93
54) cis-1,3-Dichloropropene	10.318	75	180258	19.497	ug/l	92
55) 1,1,2-Trichloroethane	11.023	97	112444	19.956	ug/l	98
56) Ethyl methacrylate	10.882	69	161047	19.629	ug/l	92
57) 1,3-Dichloropropane	11.171	76	186414	19.600	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	330958	99.856	ug/l	94
59) 2-Hexanone	11.200	43	426419	98.508	ug/l	92
60) Dibromochloromethane	11.365	129	120092	19.477	ug/l	100
61) 1,2-Dibromoethane	11.476	107	114393	19.346	ug/l	98
64) Tetrachloroethene	11.106	164	94454	19.221	ug/l	96
65) Chlorobenzene	11.894	112	307294	19.481	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	113799	19.614	ug/l	98
67) Ethyl Benzene	11.970	91	544789	20.015	ug/l	98
68) m/p-Xylenes	12.082	106	411564	39.676	ug/l	99
69) o-Xylene	12.406	106	203280	19.956	ug/l	98
70) Styrene	12.418	104	319778	19.940	ug/l	98
71) Bromoform	12.582	173	73108	19.526	ug/l #	98
73) Isopropylbenzene	12.700	105	497426	19.235	ug/l	100
74) N-amyl acetate	12.500	43	165126	19.390	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	155454	20.407	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	141755m	21.833	ug/l	
77) Bromobenzene	12.988	156	118637	19.762	ug/l	92
78) n-propylbenzene	13.041	91	540581	19.240	ug/l	99
79) 2-Chlorotoluene	13.129	91	342706	18.896	ug/l	95
80) 1,3,5-Trimethylbenzene	13.182	105	406336	19.407	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	39798	18.913	ug/l	94
82) 4-Chlorotoluene	13.229	91	319590	18.881	ug/l	97
83) tert-Butylbenzene	13.447	119	346016	19.012	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	395721	19.494	ug/l	98
85) sec-Butylbenzene	13.623	105	462470	19.414	ug/l	99
86) p-Isopropyltoluene	13.735	119	376519	19.477	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	190682	18.778	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	188664	19.254	ug/l	99
89) n-Butylbenzene	14.064	91	294720	19.329	ug/l	98
90) Hexachloroethane	14.335	117	64827	18.897	ug/l	89
91) 1,2-Dichlorobenzene	14.112	146	193276	19.475	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	25558	19.952	ug/l	95
93) 1,2,4-Trichlorobenzene	15.400	180	70110	19.828	ug/l	94
94) Hexachlorobutadiene	15.506	225	39493	21.245	ug/l	96
95) Naphthalene	15.647	128	231688	19.479	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	78213	19.777	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
Data File : VN078082.D
Acq On : 06 Jun 2023 22:11
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 06/07/2023
Supervised By :Mahesh Dadoda 06/07/2023

Quant Time: Jun 07 04:29:25 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
Quant Title : SW846 8260
QLast Update : Wed Jun 07 04:24:57 2023
Response via : Initial Calibration

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

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

