

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051523\
 Data File : VN077677.D
 Acq On : 15 May 2023 18:25
 Operator : JC\MD
 Sample : VSTDIC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC020

Quant Time: May 16 02:49:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 02:47:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	401336	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	751349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	651033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	283814	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	116332	19.372	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	38.740%#		
35) Dibromofluoromethane	8.171	113	91624	18.701	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	37.400%#		
50) Toluene-d8	10.576	98	354134	18.779	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	37.560%#		
62) 4-Bromofluorobenzene	12.853	95	125035	18.773	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	37.540%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	98425	21.549	ug/l	99
3) Chloromethane	2.365	50	104854	20.599	ug/l	100
4) Vinyl Chloride	2.518	62	118984	20.662	ug/l	98
5) Bromomethane	2.959	94	88624	20.789	ug/l	99
6) Chloroethane	3.124	64	85802m	20.613	ug/l	
7) Trichlorofluoromethane	3.500	101	164729	20.526	ug/l	98
8) Diethyl Ether	3.965	74	58953	20.122	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.383	101	90688	20.419	ug/l	99
10) Methyl Iodide	4.600	142	107692	20.332	ug/l	95
11) Tert butyl alcohol	5.530	59	89730	108.272	ug/l	100
12) 1,1-Dichloroethene	4.353	96	86358	20.458	ug/l	90
13) Acrolein	4.189	56	58880	96.568	ug/l	95
14) Allyl chloride	5.024	41	133725	21.510	ug/l	91
15) Acrylonitrile	5.730	53	224420	101.359	ug/l	99
16) Acetone	4.436	43	186471	98.059	ug/l	97
17) Carbon Disulfide	4.718	76	222968	19.604	ug/l	96
18) Methyl Acetate	5.030	43	161614	20.391	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	303982	19.896	ug/l	94
20) Methylene Chloride	5.283	84	117529	22.827	ug/l	92
21) trans-1,2-Dichloroethene	5.794	96	92366	19.480	ug/l #	81
22) Diisopropyl ether	6.677	45	289439	19.913	ug/l #	90
23) Vinyl Acetate	6.612	43	862281	95.750	ug/l #	90
24) 1,1-Dichloroethane	6.571	63	179526	20.161	ug/l	97
25) 2-Butanone	7.488	43	295672	100.046	ug/l #	86
26) 2,2-Dichloropropane	7.494	77	148618	19.645	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	114402	20.122	ug/l	91
28) Bromochloromethane	7.824	49	74002	19.216	ug/l	85
29) Tetrahydrofuran	7.841	42	193570	100.028	ug/l #	83
30) Chloroform	7.977	83	191821	19.582	ug/l	88
31) Cyclohexane	8.265	56	162109	19.862	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	171318	20.571	ug/l	96
36) 1,1-Dichloropropene	8.377	75	141643	19.765	ug/l	98
37) Ethyl Acetate	7.565	43	119422	18.697	ug/l	94
38) Carbon Tetrachloride	8.371	117	142265	19.660	ug/l	98
39) Methylcyclohexane	9.606	83	176435	20.110	ug/l	88
40) Benzene	8.612	78	418838	19.806	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051523\
 Data File : VN077677.D
 Acq On : 15 May 2023 18:25
 Operator : JC\MD
 Sample : VSTDICC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC020

Quant Time: May 16 02:49:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 02:47:47 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2023
 Supervised By : Mahesh Dadoda 05/16/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	65233	19.177	ug/l	89
42) 1,2-Dichloroethane	8.677	62	149606	19.475	ug/l	96
43) Isopropyl Acetate	8.694	43	205936	19.739	ug/l	94
44) Trichloroethene	9.359	130	106829	19.951	ug/l	100
45) 1,2-Dichloropropane	9.629	63	106197	19.688	ug/l	94
46) Dibromomethane	9.718	93	75213	19.486	ug/l	99
47) Bromodichloromethane	9.894	83	147490	19.959	ug/l	97
48) Methyl methacrylate	9.688	41	97236	19.658	ug/l	86
49) 1,4-Dioxane	9.700	88	37896	405.584	ug/l #	84
51) 4-Methyl-2-Pentanone	10.453	43	630846	101.724	ug/l	92
52) Toluene	10.635	92	256919	19.515	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	152424	19.478	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	164225	19.044	ug/l	93
55) 1,1,2-Trichloroethane	11.023	97	103088	19.721	ug/l	96
56) Ethyl methacrylate	10.882	69	155425	19.665	ug/l #	89
57) 1,3-Dichloropropane	11.170	76	177896	19.851	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	393178	101.117	ug/l	93
59) 2-Hexanone	11.200	43	465472	101.476	ug/l	91
60) Dibromochloromethane	11.365	129	104787	19.418	ug/l	99
61) 1,2-Dibromoethane	11.476	107	103039	19.758	ug/l	99
64) Tetrachloroethene	11.112	164	88311	19.397	ug/l	95
65) Chlorobenzene	11.900	112	280550	19.878	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	96849	19.832	ug/l	97
67) Ethyl Benzene	11.970	91	506047	20.008	ug/l	99
68) m/p-Xylenes	12.076	106	380938	39.749	ug/l	96
69) o-Xylene	12.406	106	189213	20.076	ug/l	97
70) Styrene	12.417	104	298303	19.924	ug/l	96
71) Bromoform	12.582	173	64740	19.928	ug/l #	99
73) Isopropylbenzene	12.700	105	488201	19.955	ug/l	99
74) N-amyl acetate	12.500	43	173016	19.133	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	144200	19.159	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	131290m	19.156	ug/l	
77) Bromobenzene	12.988	156	104608	18.737	ug/l	91
78) n-propylbenzene	13.041	91	562978	19.519	ug/l	100
79) 2-Chlorotoluene	13.135	91	342915	19.924	ug/l	100
80) 1,3,5-Trimethylbenzene	13.182	105	416067	20.235	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.747	75	39866	17.929	ug/l #	83
82) 4-Chlorotoluene	13.229	91	330108	19.277	ug/l	99
83) tert-Butylbenzene	13.447	119	355830	19.823	ug/l	100
84) 1,2,4-Trimethylbenzene	13.488	105	408280	20.190	ug/l	99
85) sec-Butylbenzene	13.623	105	513371	20.124	ug/l	100
86) p-Isopropyltoluene	13.735	119	408858	20.103	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	195079	18.894	ug/l	99
88) 1,4-Dichlorobenzene	13.817	146	195096	19.042	ug/l	97
89) n-Butylbenzene	14.064	91	367373	19.639	ug/l	98
90) Hexachloroethane	14.341	117	68270	20.434	ug/l	95
91) 1,2-Dichlorobenzene	14.111	146	194752	20.191	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	27462	18.847	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	103592	18.378	ug/l	96
94) Hexachlorobutadiene	15.505	225	44480	19.006	ug/l	99
95) Naphthalene	15.647	128	360593	18.586	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	104894	19.006	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051523\
Data File : VN077677.D
Acq On : 15 May 2023 18:25
Operator : JC\MD
Sample : VSTDICC020
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2023
Supervised By :Mahesh Dadoda 05/16/2023

Quant Time: May 16 02:49:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
QLast Update : Tue May 16 02:47:47 2023
Response via : Initial Calibration

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

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

