

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051523\
 Data File : VN077676.D
 Acq On : 15 May 2023 18:01
 Operator : JC\MD
 Sample : VSTDICC040
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC040

Quant Time: May 16 02:49:14 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	8.230	168	414366	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	761915	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	670761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	296117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	245344	39.572	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	79.140%		
35) Dibromofluoromethane	8.171	113	197114	39.674	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	79.340%		
50) Toluene-d8	10.571	98	765980	40.054	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	80.100%#		
62) 4-Bromofluorobenzene	12.853	95	264566	39.171	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	78.340%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.130	85	193662	41.067	ug/l	99
3) Chloromethane	2.365	50	209722	41.646	ug/l	96
4) Vinyl Chloride	2.518	62	242728	40.825	ug/l	97
5) Bromomethane	2.959	94	172781	39.256	ug/l	97
6) Chloroethane	3.124	64	160181	37.271	ug/l	100
7) Trichlorofluoromethane	3.501	101	328975	39.703	ug/l	99
8) Diethyl Ether	3.965	74	118506	39.177	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	183911	40.108	ug/l	100
10) Methyl Iodide	4.595	142	221250	40.458	ug/l	95
11) Tert butyl alcohol	5.530	59	165728	193.685	ug/l	99
12) 1,1-Dichloroethene	4.342	96	172580	39.599	ug/l	85
13) Acrolein	4.183	56	116231	214.239	ug/l	96
14) Allyl chloride	5.030	41	270573	42.154	ug/l	92
15) Acrylonitrile	5.724	53	446862	195.479	ug/l	98
16) Acetone	4.436	43	362960	184.868	ug/l	99
17) Carbon Disulfide	4.718	76	439910	37.462	ug/l	97
18) Methyl Acetate	5.030	43	324369	39.639	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	634911	40.248	ug/l	96
20) Methylene Chloride	5.283	84	204729	39.927	ug/l	88
21) trans-1,2-Dichloroethene	5.795	96	189300	38.668	ug/l #	78
22) Diisopropyl ether	6.683	45	593594	39.555	ug/l #	91
23) Vinyl Acetate	6.612	43	1811835	194.865	ug/l #	91
24) 1,1-Dichloroethane	6.577	63	369812	40.224	ug/l	99
25) 2-Butanone	7.489	43	595815	195.265	ug/l #	82
26) 2,2-Dichloropropane	7.500	77	321788	41.198	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	233709	39.814	ug/l	91
28) Bromochloromethane	7.818	49	155101	39.008	ug/l	90
29) Tetrahydrofuran	7.847	42	391265	195.830	ug/l #	83
30) Chloroform	7.971	83	397331	39.287	ug/l	98
31) Cyclohexane	8.259	56	317730	37.706	ug/l	89
32) 1,1,1-Trichloroethane	8.177	97	345207	40.147	ug/l	96
36) 1,1-Dichloropropene	8.377	75	291165	40.067	ug/l	97
37) Ethyl Acetate	7.565	43	242505	37.440	ug/l	95
38) Carbon Tetrachloride	8.371	117	303453	41.353	ug/l	96
39) Methylcyclohexane	9.606	83	358684	40.317	ug/l	91
40) Benzene	8.612	78	865098	40.341	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051523\
 Data File : VN077676.D
 Acq On : 15 May 2023 18:01
 Operator : JC\MD
 Sample : VSTDICC040
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC040

Quant Time: May 16 02:49:14 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	7.789	41	135457	39.269	ug/l	91
42) 1,2-Dichloroethane	8.677	62	306201	39.307	ug/l	97
43) Isopropyl Acetate	8.694	43	418684	39.574	ug/l	96
44) Trichloroethene	9.359	130	213507	39.320	ug/l	99
45) 1,2-Dichloropropane	9.624	63	219087	40.053	ug/l	99
46) Dibromomethane	9.712	93	153683	39.264	ug/l	97
47) Bromodichloromethane	9.894	83	305025	40.705	ug/l	97
48) Methyl methacrylate	9.683	41	206870	41.242	ug/l	85
49) 1,4-Dioxane	9.700	88	75963	801.723	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	1273433	202.495	ug/l	93
52) Toluene	10.635	92	543978	40.746	ug/l	97
53) t-1,3-Dichloropropene	10.841	75	329236	41.489	ug/l	96
54) cis-1,3-Dichloropropene	10.318	75	355872	40.695	ug/l	93
55) 1,1,2-Trichloroethane	11.024	97	210654	39.739	ug/l	93
56) Ethyl methacrylate	10.877	69	333898	41.659	ug/l	92
57) 1,3-Dichloropropane	11.171	76	364153	40.072	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	831181	210.797	ug/l	92
59) 2-Hexanone	11.200	43	940821	202.261	ug/l	93
60) Dibromochloromethane	11.365	129	223724	40.882	ug/l	98
61) 1,2-Dibromoethane	11.477	107	219670	41.539	ug/l	97
64) Tetrachloroethene	11.112	164	176636	37.656	ug/l	97
65) Chlorobenzene	11.900	112	576721	39.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.971	131	211522	42.040	ug/l	98
67) Ethyl Benzene	11.971	91	1052749	40.399	ug/l	96
68) m/p-Xylenes	12.077	106	799414	80.962	ug/l	97
69) o-Xylene	12.406	106	393690	40.543	ug/l	96
70) Styrene	12.418	104	633084	41.041	ug/l	96
71) Bromoform	12.582	173	140767	42.056	ug/l #	100
73) Isopropylbenzene	12.700	105	1034800	40.540	ug/l	100
74) N-amyl acetate	12.500	43	364135	38.594	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	308153	39.242	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	296140m	41.413	ug/l	
77) Bromobenzene	12.988	156	221719	38.063	ug/l	96
78) n-propylbenzene	13.041	91	1182395	39.292	ug/l	100
79) 2-Chlorotoluene	13.129	91	710282	39.555	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	861820	40.172	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	94327	40.659	ug/l #	85
82) 4-Chlorotoluene	13.229	91	705370	39.480	ug/l	98
83) tert-Butylbenzene	13.447	119	746953	39.883	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	864979	40.997	ug/l	99
85) sec-Butylbenzene	13.624	105	1068700	40.152	ug/l	100
86) p-Isopropyltoluene	13.735	119	865045	40.767	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	411196	38.171	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	412358	38.575	ug/l	99
89) n-Butylbenzene	14.065	91	775175	39.718	ug/l	99
90) Hexachloroethane	14.341	117	146339	41.980	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	402823	40.027	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.729	75	59492	39.132	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	223261	37.963	ug/l	97
94) Hexachlorobutadiene	15.512	225	96134	39.370	ug/l	99
95) Naphthalene	15.647	128	751577	37.128	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	222813	38.696	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051523\
Data File : VN077676.D
Acq On : 15 May 2023 18:01
Operator : JC\MD
Sample : VSTDICC040
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC040

Manual Integrations
APPROVED

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

Quant Time: May 16 02:49:14 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

