

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074911.D
 Acq On : 17 Oct 2022 12:12
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

Quant Time: Oct 17 12:31:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 11:33:35 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	310871	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	567706	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	615502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	280902	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	86616	11.506	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	23.020%#		
35) Dibromofluoromethane	8.177	113	67198	10.897	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	21.800%#		
50) Toluene-d8	10.570	98	271179	10.660	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	21.320%#		
62) 4-Bromofluorobenzene	12.853	95	67635	9.337	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	18.680%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.153	85	59085	9.907	ug/l	93
3) Chloromethane	2.389	50	98198	11.078	ug/l	93
4) Vinyl Chloride	2.530	62	131999	10.142	ug/l	99
5) Bromomethane	2.953	94	93025	9.263	ug/l	94
6) Chloroethane	3.130	64	101758	9.879	ug/l	95
7) Trichlorofluoromethane	3.518	101	90016	9.945	ug/l	96
8) Diethyl Ether	3.989	74	40271	9.683	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	57667	10.078	ug/l	96
10) Methyl Iodide	4.618	142	73153	11.547	ug/l	98
11) Tert butyl alcohol	5.565	59	89471	48.299	ug/l	99
12) 1,1-Dichloroethene	4.371	96	52764	9.851	ug/l	93
13) Acrolein	4.212	56	87641	44.712	ug/l	97
14) Allyl chloride	5.041	41	103077	9.749	ug/l	89
15) Acrylonitrile	5.753	53	229989	50.728	ug/l	96
16) Acetone	4.459	43	204348	52.670	ug/l	98
17) Carbon Disulfide	4.724	76	125240	9.216	ug/l #	91
18) Methyl Acetate	5.059	43	150767	10.853	ug/l	100
19) Methyl tert-butyl Ether	5.824	73	201012	9.506	ug/l	99
20) Methylene Chloride	5.294	84	70488	9.280	ug/l	89
21) trans-1,2-Dichloroethene	5.800	96	54312	9.162	ug/l #	85
22) Diisopropyl ether	6.694	45	230293	9.517	ug/l #	95
23) Vinyl Acetate	6.624	43	784471	44.180	ug/l	97
24) 1,1-Dichloroethane	6.594	63	126925	9.746	ug/l	95
25) 2-Butanone	7.500	43	319976	50.085	ug/l	98
26) 2,2-Dichloropropane	7.500	77	97418	9.327	ug/l	97
27) cis-1,2-Dichloroethene	7.500	96	72674	9.869	ug/l	93
28) Bromochloromethane	7.829	49	58937	10.776	ug/l #	93
29) Tetrahydrofuran	7.859	42	209222	49.884	ug/l	96
30) Chloroform	7.982	83	119228	9.890	ug/l	86
31) Cyclohexane	8.259	56	106186	9.499	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	97041	9.480	ug/l	90
36) 1,1-Dichloropropene	8.388	75	78758	8.713	ug/l	95
37) Ethyl Acetate	7.571	43	123088	8.992	ug/l	98
38) Carbon Tetrachloride	8.377	117	80649	9.439	ug/l	94
39) Methylcyclohexane	9.612	83	94040	8.628	ug/l	97
40) Benzene	8.618	78	275255	9.258	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074911.D
 Acq On : 17 Oct 2022 12:12
 Operator : JC\MD
 Sample : VSTDICC010
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/18/2022
 Supervised By : Mahesh Dadoda 10/18/2022

Quant Time: Oct 17 12:31:21 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 11:33:35 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.794	41	65200	9.870	ug/l	97
42) 1,2-Dichloroethane	8.676	62	90393	9.307	ug/l	96
43) Isopropyl Acetate	8.700	43	200305	9.698	ug/l	98
44) Trichloroethene	9.359	130	57418	9.228	ug/l	98
45) 1,2-Dichloropropane	9.629	63	76812	9.598	ug/l	100
46) Dibromomethane	9.718	93	47209	9.213	ug/l	96
47) Bromodichloromethane	9.894	83	93347	9.494	ug/l	99
48) Methyl methacrylate	9.618	41	88412	9.191	ug/l #	96
49) 1,4-Dioxane	9.694	88	36873	210.391	ug/l #	76
51) 4-Methyl-2-Pentanone	10.453	43	640036	48.190	ug/l	98
52) Toluene	10.635	92	159605	8.962	ug/l	93
53) t-1,3-Dichloropropene	10.841	75	94274	8.773	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	108080	9.434	ug/l #	91
55) 1,1,2-Trichloroethane	11.018	97	73926	10.335	ug/l #	88
56) Ethyl methacrylate	10.876	69	109476	9.562	ug/l	99
57) 1,3-Dichloropropane	11.165	76	126266	9.733	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.171	63	238192	58.441	ug/l	97
59) 2-Hexanone	11.200	43	477387	49.232	ug/l	98
60) Dibromochloromethane	11.365	129	64520	9.001	ug/l	97
61) 1,2-Dibromoethane	11.470	107	63551	8.983	ug/l	91
64) Tetrachloroethene	11.106	164	44011	8.865	ug/l	87
65) Chlorobenzene	11.894	112	163008	9.177	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.964	131	61259	9.198	ug/l	95
67) Ethyl Benzene	11.964	91	308953	9.486	ug/l	96
68) m/p-Xylenes	12.076	106	223424	18.424	ug/l	99
69) o-Xylene	12.400	106	117908	9.518	ug/l	99
70) Styrene	12.412	104	173701	8.841	ug/l	98
71) Bromoform	12.576	173	40378	8.754	ug/l #	100
73) Isopropylbenzene	12.694	105	289537	11.588	ug/l	99
74) N-amyl acetate	12.494	43	157255	11.593	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	111341	11.250	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	80686m	9.757	ug/l	
77) Bromobenzene	12.976	156	55911	10.103	ug/l	89
78) n-propylbenzene	13.035	91	308502	10.815	ug/l	100
79) 2-Chlorotoluene	13.129	91	185061	10.851	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	217386	10.703	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.741	75	31034	10.503	ug/l	95
82) 4-Chlorotoluene	13.223	91	167116	10.477	ug/l	99
83) tert-Butylbenzene	13.441	119	204886	11.673	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	212522	10.650	ug/l	99
85) sec-Butylbenzene	13.617	105	279155	11.030	ug/l	96
86) p-Isopropyltoluene	13.735	119	200425	9.965	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	92855	8.943	ug/l	97
88) 1,4-Dichlorobenzene	13.811	146	100260	9.787	ug/l	97
89) n-Butylbenzene	14.058	91	162105	9.459	ug/l	98
90) Hexachloroethane	14.335	117	46818	10.842	ug/l	86
91) 1,2-Dichlorobenzene	14.106	146	96820	8.990	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	17733	9.659	ug/l	93
93) 1,2,4-Trichlorobenzene	15.400	180	44194	9.072	ug/l	97
94) Hexachlorobutadiene	15.505	225	22770	9.733	ug/l	90
95) Naphthalene	15.647	128	189740	10.880	ug/l	97
96) 1,2,3-Trichlorobenzene	15.847	180	47071	10.201	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
Data File : VN074911.D
Acq On : 17 Oct 2022 12:12
Operator : JC\MD
Sample : VSTDICC010
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/18/2022
Supervised By :Mahesh Dadoda 10/18/2022

Quant Time: Oct 17 12:31:21 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
Quant Title : SW846 8260
QLast Update : Mon Oct 17 11:33:35 2022
Response via : Initial Calibration

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

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

