

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076102.D
 Acq On : 05 Jan 2023 10:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2023
 Supervised By : Mahesh Dadoda 01/07/2023

Quant Time: Jan 05 23:40:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	333137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	525755	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	482074	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	238876	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	173517	47.877	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.760%		
35) Dibromofluoromethane	8.171	113	161031	49.458	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.920%		
50) Toluene-d8	10.571	98	596682	49.015	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	98.020%		
62) 4-Bromofluorobenzene	12.853	95	209783	52.029	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	104.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	149243	63.095	ug/l	94
3) Chloromethane	2.371	50	149724	50.904	ug/l	99
4) Vinyl Chloride	2.524	62	181439	51.713	ug/l	96
5) Bromomethane	2.942	94	143433	48.103	ug/l	94
6) Chloroethane	3.118	64	125613	48.346	ug/l	98
7) Trichlorofluoromethane	3.501	101	259450	48.733	ug/l	95
8) Diethyl Ether	3.971	74	94167	48.427	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.377	101	147896	48.650	ug/l	98
10) Methyl Iodide	4.595	142	235082	47.649	ug/l	99
11) Tert butyl alcohol	5.536	59	115406	225.041	ug/l	99
12) 1,1-Dichloroethene	4.348	96	140991	47.752	ug/l	98
13) Acrolein	4.195	56	129711	206.315	ug/l	100
14) Allyl chloride	5.036	41	175171m	50.752	ug/l	
15) Acrylonitrile	5.730	53	321181	229.503	ug/l	99
16) Acetone	4.442	43	322583	258.203	ug/l	100
17) Carbon Disulfide	4.724	76	332147	46.463	ug/l #	95
18) Methyl Acetate	5.042	43	173798	47.062	ug/l	97
19) Methyl tert-butyl Ether	5.806	73	482587	49.634	ug/l	96
20) Methylene Chloride	5.289	84	165578	49.537	ug/l	97
21) trans-1,2-Dichloroethene	5.795	96	151627	46.892	ug/l	96
22) Diisopropyl ether	6.683	45	400162	47.726	ug/l	98
23) Vinyl Acetate	6.612	43	1348367	238.925	ug/l	100
24) 1,1-Dichloroethane	6.583	63	262663	46.972	ug/l	99
25) 2-Butanone	7.489	43	428968	245.222	ug/l	98
26) 2,2-Dichloropropane	7.500	77	228573	48.268	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	183890	47.551	ug/l	99
28) Bromochloromethane	7.824	49	98995	40.391	ug/l	99
29) Tetrahydrofuran	7.847	42	264022	240.843	ug/l	100
30) Chloroform	7.971	83	288714	45.857	ug/l	95
31) Cyclohexane	8.265	56	225326	43.411	ug/l	91
32) 1,1,1-Trichloroethane	8.177	97	265937	47.645	ug/l	97
36) 1,1-Dichloropropene	8.377	75	210034	48.561	ug/l	98
37) Ethyl Acetate	7.571	43	163633	47.100	ug/l	97
38) Carbon Tetrachloride	8.371	117	238079	49.181	ug/l	96
39) Methylcyclohexane	9.606	83	274036	52.517	ug/l	98
40) Benzene	8.612	78	642425	48.141	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
 Data File : VN076102.D
 Acq On : 05 Jan 2023 10:38
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 05 23:40:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 01/06/2023
 Supervised By : Mahesh Dadoda 01/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	87434	48.417	ug/l	94
42) 1,2-Dichloroethane	8.677	62	215430	48.558	ug/l	99
43) Isopropyl Acetate	8.694	43	285094	49.747	ug/l	99
44) Trichloroethene	9.359	130	176447	46.934	ug/l	95
45) 1,2-Dichloropropane	9.630	63	154606	47.610	ug/l	99
46) Dibromomethane	9.712	93	115989	48.157	ug/l	98
47) Bromodichloromethane	9.888	83	230422	48.784	ug/l	100
48) Methyl methacrylate	9.683	41	131139	50.806	ug/l	97
49) 1,4-Dioxane	9.700	88	63686	1003.625	ug/l #	86
51) 4-Methyl-2-Pentanone	10.447	43	858491	247.703	ug/l	100
52) Toluene	10.635	92	433484	49.877	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	240060	51.921	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	262943	51.797	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	169126	49.579	ug/l	98
56) Ethyl methacrylate	10.877	69	235198	51.908	ug/l	98
57) 1,3-Dichloropropane	11.165	76	271663	48.550	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	360641	249.991	ug/l	99
59) 2-Hexanone	11.200	43	655010	259.153	ug/l	100
60) Dibromochloromethane	11.359	129	188783	49.763	ug/l	99
61) 1,2-Dibromoethane	11.471	107	171172	49.585	ug/l	100
64) Tetrachloroethene	11.106	164	175265	51.666	ug/l	97
65) Chlorobenzene	11.894	112	464062	46.901	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.965	131	176777	48.235	ug/l	100
67) Ethyl Benzene	11.965	91	830494	49.732	ug/l	98
68) m/p-Xylenes	12.077	106	667193	100.943	ug/l	97
69) o-Xylene	12.400	106	325681	49.792	ug/l	98
70) Styrene	12.412	104	539253	51.851	ug/l	99
71) Bromoform	12.582	173	135300	50.736	ug/l #	99
73) Isopropylbenzene	12.700	105	839511	48.633	ug/l	99
74) N-amyl acetate	12.500	43	255248	50.403	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.941	83	239285	44.840	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	203166m	42.193	ug/l	
77) Bromobenzene	12.982	156	206641	47.301	ug/l	96
78) n-propylbenzene	13.041	91	955978	50.211	ug/l	99
79) 2-Chlorotoluene	13.129	91	559404	47.068	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	716344	49.582	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	68991	51.573	ug/l	100
82) 4-Chlorotoluene	13.129	91	559404	47.068	ug/l	100
83) tert-Butylbenzene	13.441	119	659836	51.800	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	728934	50.859	ug/l	99
85) sec-Butylbenzene	13.618	105	910005	51.759	ug/l	99
86) p-Isopropyltoluene	13.729	119	779611	53.290	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	392105	48.589	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	386977	46.941	ug/l	100
89) n-Butylbenzene	14.059	91	641006	54.085	ug/l	100
90) Hexachloroethane	14.335	117	134015	51.211	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	388142	48.831	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	44106	46.579	ug/l	97
93) 1,2,4-Trichlorobenzene	15.394	180	204164	51.881	ug/l	99
94) Hexachlorobutadiene	15.506	225	107743	50.183	ug/l	99
95) Naphthalene	15.647	128	578186	44.715	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	194877	52.984	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010523\
Data File : VN076102.D
Acq On : 05 Jan 2023 10:38
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

Reviewed By :John Carlone 01/06/2023
Supervised By :Mahesh Dadoda 01/07/2023

Quant Time: Jan 05 23:40:28 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 14 13:03:41 2022
Response via : Initial Calibration

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

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

