

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077415.D
 Acq On : 20 Apr 2023 21:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2023
 Supervised By : Mahesh Dadoda 04/22/2023

Quant Time: Apr 21 02:42:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	494411	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	924257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	847796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	371632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	338127	50.039	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.080%			
35) Dibromofluoromethane	8.172	113	295301	49.909	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.820%			
50) Toluene-d8	10.572	98	1122540	47.128	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 94.260%			
62) 4-Bromofluorobenzene	12.854	95	399380	50.415	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 100.820%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.131	85	380751	60.337	ug/l	99
3) Chloromethane	2.372	50	286200	36.598	ug/l	99
4) Vinyl Chloride	2.525	62	406628	38.351	ug/l	97
5) Bromomethane	2.949	94	310112	40.344	ug/l	95
6) Chloroethane	3.125	64	261057	34.501	ug/l	99
7) Trichlorofluoromethane	3.507	101	570421	62.046	ug/l	96
8) Diethyl Ether	3.966	74	214772	55.748	ug/l	89
9) 1,1,2-Trichlorotrifluo...	4.384	101	318879	56.676	ug/l	97
10) Methyl Iodide	4.602	142	424082	61.976	ug/l	97
11) Tert butyl alcohol	5.537	59	257330	186.629	ug/l	100
12) 1,1-Dichloroethene	4.354	96	319207	55.114	ug/l	92
13) Acrolein	4.190	56	266045	203.727	ug/l	99
14) Allyl chloride	5.037	41	357938	40.919	ug/l	90
15) Acrylonitrile	5.731	53	656817	215.473	ug/l	99
16) Acetone	4.437	43	479982	192.652	ug/l	98
17) Carbon Disulfide	4.725	76	781696	50.052	ug/l	98
18) Methyl Acetate	5.031	43	433289	45.663	ug/l	92
19) Methyl tert-butyl Ether	5.801	73	1103653	53.704	ug/l	94
20) Methylene Chloride	5.284	84	362825	51.565	ug/l	96
21) trans-1,2-Dichloroethene	5.796	96	346524	54.645	ug/l	97
22) Diisopropyl ether	6.684	45	839601	47.876	ug/l	96
23) Vinyl Acetate	6.613	43	2648588	223.366	ug/l	96
24) 1,1-Dichloroethane	6.578	63	578950	51.124	ug/l	99
25) 2-Butanone	7.490	43	760049	187.967	ug/l	90
26) 2,2-Dichloropropane	7.501	77	511384	49.246	ug/l	99
27) cis-1,2-Dichloroethene	7.495	96	418731	54.072	ug/l	96
28) Bromochloromethane	7.819	49	194317	42.657	ug/l	90
29) Tetrahydrofuran	7.842	42	503792	193.819	ug/l	92
30) Chloroform	7.972	83	660642	54.705	ug/l	100
31) Cyclohexane	8.266	56	483985	46.094	ug/l	93
32) 1,1,1-Trichloroethane	8.178	97	618122	56.280	ug/l	98
36) 1,1-Dichloropropene	8.378	75	470667	53.784	ug/l	97
37) Ethyl Acetate	7.566	43	346731	44.285	ug/l	96
38) Carbon Tetrachloride	8.366	117	519748	57.971	ug/l	98
39) Methylcyclohexane	9.607	83	623361	52.827	ug/l	96
40) Benzene	8.613	78	1449766	53.114	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
 Data File : VN077415.D
 Acq On : 20 Apr 2023 21:13
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/21/2023
 Supervised By : Mahesh Dadoda 04/22/2023

Quant Time: Apr 21 02:42:48 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	171001	40.632	ug/l	89
42) 1,2-Dichloroethane	8.672	62	488331	58.129	ug/l	99
43) Isopropyl Acetate	8.695	43	627178	43.411	ug/l	95
44) Trichloroethene	9.354	130	378094	57.892	ug/l	97
45) 1,2-Dichloropropane	9.625	63	340051	52.456	ug/l	93
46) Dibromomethane	9.713	93	264556	54.166	ug/l	98
47) Bromodichloromethane	9.889	83	535725	54.877	ug/l	96
48) Methyl methacrylate	9.684	41	275902	44.767	ug/l	94
49) 1,4-Dioxane	9.701	88	131668	881.180	ug/l	93
51) 4-Methyl-2-Pentanone	10.448	43	1760961	210.869	ug/l	97
52) Toluene	10.636	92	991863	55.517	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	576957	54.426	ug/l	97
54) cis-1,3-Dichloropropene	10.313	75	608717	53.908	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	382758	54.577	ug/l	98
56) Ethyl methacrylate	10.878	69	551701	50.505	ug/l	96
57) 1,3-Dichloropropane	11.166	76	625318	53.969	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.160	63	892358	274.424	ug/l	94
59) 2-Hexanone	11.195	43	1258260	202.245	ug/l	98
60) Dibromochloromethane	11.360	129	419155	58.030	ug/l	100
61) 1,2-Dibromoethane	11.472	107	394135	56.304	ug/l	99
64) Tetrachloroethene	11.107	164	289925	55.357	ug/l	97
65) Chlorobenzene	11.895	112	1060621	56.823	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	372976	52.812	ug/l	98
67) Ethyl Benzene	11.966	91	1917008	55.657	ug/l	99
68) m/p-Xylenes	12.072	106	1490148	110.108	ug/l	99
69) o-Xylene	12.401	106	742644	55.624	ug/l	99
70) Styrene	12.413	104	1169809	54.448	ug/l	99
71) Bromoform	12.583	173	262709	52.844	ug/l	100
73) Isopropylbenzene	12.695	105	1888600	52.321	ug/l	99
74) N-amyl acetate	12.495	43	562218	41.100	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.942	83	534796	47.211	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	453253m	51.218	ug/l	
77) Bromobenzene	12.983	156	396985	54.089	ug/l	91
78) n-propylbenzene	13.036	91	2146807	53.827	ug/l	99
79) 2-Chlorotoluene	13.130	91	1277929	53.213	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	1557664	54.029	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	164151	41.742	ug/l	95
82) 4-Chlorotoluene	13.224	91	1222061	53.972	ug/l	100
83) tert-Butylbenzene	13.442	119	1352938	52.721	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1566077	54.984	ug/l	99
85) sec-Butylbenzene	13.619	105	1950345	54.534	ug/l	100
86) p-Isopropyltoluene	13.730	119	1558020	55.431	ug/l	100
87) 1,3-Dichlorobenzene	13.736	146	742991	54.718	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	748988	55.934	ug/l	100
89) n-Butylbenzene	14.060	91	1326943	56.868	ug/l	99
90) Hexachloroethane	14.336	117	311842	50.743	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	758965	55.873	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.724	75	99116	46.169	ug/l	98
93) 1,2,4-Trichlorobenzene	15.371	180	290725	59.288	ug/l	99
94) Hexachlorobutadiene	15.466	225	149738	52.753	ug/l	100
95) Naphthalene	15.589	128	1182745	64.207	ug/l	99
96) 1,2,3-Trichlorobenzene	15.760	180	268460	57.237	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042023\
Data File : VN077415.D
Acq On : 20 Apr 2023 21:13
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By : John Carlone 04/21/2023
Supervised By : Mahesh Dadoda 04/22/2023

Quant Time: Apr 21 02:42:48 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

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

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

