

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
 Data File : VN078571.D
 Acq On : 19 Jul 2023 10:29
 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 07/20/2023
 Supervised By : Mahesh Dadoda 07/20/2023

Quant Time: Jul 20 01:28:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	468389	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	797181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	707760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	320023	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	323846	51.574	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.140%			
35) Dibromofluoromethane	8.177	113	289231	53.447	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.900%			
50) Toluene-d8	10.571	98	1074922	52.581	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.160%			
62) 4-Bromofluorobenzene	12.853	95	342845	54.447	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 108.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	251152	43.734	ug/l	99
3) Chloromethane	2.371	50	332359	53.247	ug/l	100
4) Vinyl Chloride	2.518	62	384223	47.585	ug/l	95
5) Bromomethane	2.954	94	244548	47.650	ug/l	95
6) Chloroethane	3.124	64	238575	48.799	ug/l	100
7) Trichlorofluoromethane	3.501	101	464967	48.173	ug/l	97
8) Diethyl Ether	3.965	74	157313	48.919	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.383	101	253021	49.521	ug/l	96
10) Methyl Iodide	4.595	142	344456	49.060	ug/l	98
11) Tert butyl alcohol	5.536	59	211728	218.664	ug/l	99
12) 1,1-Dichloroethene	4.348	96	234384	47.424	ug/l	90
13) Acrolein	4.189	56	201075	211.068	ug/l	97
14) Allyl chloride	5.036	41	309324	45.802	ug/l	94
15) Acrylonitrile	5.730	53	582997	238.301	ug/l	99
16) Acetone	4.436	43	476797	243.763	ug/l	98
17) Carbon Disulfide	4.718	76	592390	41.450	ug/l	99
18) Methyl Acetate	5.036	43	391714	47.308	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	806988	49.557	ug/l	96
20) Methylene Chloride	5.289	84	288930	51.535	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	263887	47.381	ug/l	88
22) Diisopropyl ether	6.677	45	820919	54.287	ug/l	95
23) Vinyl Acetate	6.612	43	2384587	248.044	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	500458	49.114	ug/l	97
25) 2-Butanone	7.489	43	742427	241.127	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	440687	52.878	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	321167	49.848	ug/l	93
28) Bromochloromethane	7.818	49	243067	50.646	ug/l	94
29) Tetrahydrofuran	7.847	42	476854	236.027	ug/l	86
30) Chloroform	7.971	83	585353	55.178	ug/l	97
31) Cyclohexane	8.265	56	385741	45.456	ug/l	94
32) 1,1,1-Trichloroethane	8.171	97	489802	51.497	ug/l	97
36) 1,1-Dichloropropene	8.377	75	392683	50.255	ug/l	97
37) Ethyl Acetate	7.565	43	308206	47.317	ug/l #	96
38) Carbon Tetrachloride	8.371	117	431699	50.834	ug/l	99
39) Methylcyclohexane	9.606	83	367142	51.476	ug/l	91
40) Benzene	8.612	78	1178909	50.927	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
 Data File : VN078571.D
 Acq On : 19 Jul 2023 10:29
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jul 20 01:28:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/20/2023
 Supervised By : Mahesh Dadoda 07/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	164244	49.462	ug/l	91
42) 1,2-Dichloroethane	8.677	62	396887	50.406	ug/l	98
43) Isopropyl Acetate	8.694	43	561748	52.382	ug/l #	93
44) Trichloroethene	9.359	130	307886	49.348	ug/l	100
45) 1,2-Dichloropropane	9.624	63	309020	52.707	ug/l	100
46) Dibromomethane	9.718	93	214153	51.896	ug/l	92
47) Bromodichloromethane	9.894	83	435904	52.697	ug/l	96
48) Methyl methacrylate	9.688	41	246066	49.527	ug/l	91
49) 1,4-Dioxane	9.706	88	100024	923.165	ug/l #	88
51) 4-Methyl-2-Pentanone	10.453	43	1612035	252.721	ug/l	94
52) Toluene	10.635	92	742713	51.768	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	452775	53.429	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	494833	54.780	ug/l	96
55) 1,1,2-Trichloroethane	11.024	97	297006	52.542	ug/l	98
56) Ethyl methacrylate	10.877	69	417241	52.803	ug/l	94
57) 1,3-Dichloropropane	11.171	76	495786	51.584	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	719220	255.405	ug/l	92
59) 2-Hexanone	11.200	43	1134767	250.311	ug/l	90
60) Dibromochloromethane	11.365	129	382648	61.317	ug/l	99
61) 1,2-Dibromoethane	11.471	107	334870	57.508	ug/l	97
64) Tetrachloroethene	11.106	164	252503	47.453	ug/l	98
65) Chlorobenzene	11.894	112	800277	50.586	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	315451	51.832	ug/l	97
67) Ethyl Benzene	11.971	91	1422198	53.184	ug/l	98
68) m/p-Xylenes	12.076	106	1082897	109.527	ug/l	97
69) o-Xylene	12.406	106	527966	52.868	ug/l	98
70) Styrene	12.418	104	870886	55.742	ug/l	98
71) Bromoform	12.582	173	224130	54.377	ug/l #	100
73) Isopropylbenzene	12.700	105	1336504	44.445	ug/l	99
74) N-amyl acetate	12.500	43	440458	42.503	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	411260	48.898	ug/l	100
76) 1,2,3-Trichloropropane	13.000	75	318526m	41.178	ug/l	
77) Bromobenzene	12.982	156	320228	48.936	ug/l	93
78) n-propylbenzene	13.041	91	1532959	47.668	ug/l	100
79) 2-Chlorotoluene	13.129	91	924429	43.885	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	1113765	46.876	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	118101	40.121	ug/l	93
82) 4-Chlorotoluene	13.223	91	895752	45.584	ug/l	98
83) tert-Butylbenzene	13.441	119	936898	46.445	ug/l	95
84) 1,2,4-Trimethylbenzene	13.488	105	1106309	47.937	ug/l	98
85) sec-Butylbenzene	13.623	105	1192426	46.767	ug/l	99
86) p-Isopropyltoluene	13.735	119	995119	48.605	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	544112	47.134	ug/l	98
88) 1,4-Dichlorobenzene	13.818	146	554785	47.712	ug/l	99
89) n-Butylbenzene	14.059	91	761301	51.970	ug/l	98
90) Hexachloroethane	14.335	117	191979	51.034	ug/l	85
91) 1,2-Dichlorobenzene	14.112	146	536646	46.712	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	61949	42.754	ug/l	92
93) 1,2,4-Trichlorobenzene	15.400	180	169283	46.170	ug/l	97
94) Hexachlorobutadiene	15.506	225	98075	51.861	ug/l	98
95) Naphthalene	15.647	128	475672	37.949	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	179915	42.675	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
Data File : VN078571.D
Acq On : 19 Jul 2023 10:29
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 07/20/2023
Supervised By :Mahesh Dadoda 07/20/2023

Quant Time: Jul 20 01:28:30 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

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

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

