

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073833.D
 Acq On : 11 Aug 2022 18:32
 Operator : JC\MD
 Sample : N4172-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT149S1-20220809MSD

Quant Time: Aug 12 06:07:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 08/12/2022
 Supervised By : Mahesh Dadoda 08/12/2022

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	407570	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	641853	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	597452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.615	152	295065	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	239164	48.152	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.300%		
35) Dibromofluoromethane	7.951	113	210079	52.123	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	104.240%		
50) Toluene-d8	10.380	98	775263	48.881	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.760%		
62) 4-Bromofluorobenzene	12.674	95	271442	48.821	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.046	85	210421	53.229	ug/l	95
3) Chloromethane	2.263	50	257457	54.408	ug/l	98
4) Vinyl Chloride	2.404	62	314978	45.558	ug/l	100
5) Bromomethane	2.775	94	189357	47.224	ug/l	100
6) Chloroethane	2.940	64	204021	50.620	ug/l	97
7) Trichlorofluoromethane	3.298	101	427539	60.002	ug/l	98
8) Diethyl Ether	3.763	74	134165	50.146	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.128	101	196418	49.824	ug/l	97
10) Methyl Iodide	4.345	142	231363	57.729	ug/l	98
11) Tert butyl alcohol	5.304	59	323699	302.188	ug/l	100
12) 1,1-Dichloroethene	4.098	96	196003	50.687	ug/l	93
13) Acrolein	3.975	56	254754	239.890	ug/l	97
14) Allyl chloride	4.757	41	312202	50.499	ug/l	98
15) Acrylonitrile	5.475	53	785093	264.957	ug/l	99
16) Acetone	4.222	43	671767	251.809	ug/l	99
17) Carbon Disulfide	4.451	76	508939	49.637	ug/l	100
18) Methyl Acetate	4.775	43	331397	49.931	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	852590	64.539	ug/l	97
20) Methylene Chloride	5.004	84	235288	54.727	ug/l	97
21) trans-1,2-Dichloroethene	5.504	96	213780	51.071	ug/l	95
22) Diisopropyl ether	6.410	45	679567	50.950	ug/l	98
23) Vinyl Acetate	6.351	43	2875231	257.114	ug/l	100
24) 1,1-Dichloroethane	6.304	63	397576	48.452	ug/l	99
25) 2-Butanone	7.257	43	1076788	259.907	ug/l	98
26) 2,2-Dichloropropane	7.245	77	265406	42.040	ug/l	98
27) cis-1,2-Dichloroethene	7.245	96	257493	49.927	ug/l	95
28) Bromochloromethane	7.581	49	161302	46.817	ug/l	99
29) Tetrahydrofuran	7.610	42	705102	269.185	ug/l	100
30) Chloroform	7.745	83	416872	48.761	ug/l	97
31) Cyclohexane	8.022	56	342815	46.360	ug/l	94
32) 1,1,1-Trichloroethane	7.945	97	358636	50.522	ug/l	98
36) 1,1-Dichloropropene	8.151	75	302401	52.643	ug/l	99
37) Ethyl Acetate	7.339	43	398306	52.651	ug/l	98
38) Carbon Tetrachloride	8.133	117	315989	54.161	ug/l	99
39) Methylcyclohexane	9.392	83	364122	53.045	ug/l	97
40) Benzene	8.392	78	951936	51.033	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
 Data File : VN073833.D
 Acq On : 11 Aug 2022 18:32
 Operator : JC\MD
 Sample : N4172-03MSD
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT149S1-20220809MSD

Quant Time: Aug 12 06:07:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 05:09:32 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/12/2022
 Supervised By : Mahesh Dadoda 08/12/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	188739	55.135	ug/l	96
42) 1,2-Dichloroethane	8.463	62	325692	51.807	ug/l	99
43) Isopropyl Acetate	8.498	43	543912	53.230	ug/l	99
44) Trichloroethene	9.151	130	265107	56.044	ug/l	98
45) 1,2-Dichloropropane	9.427	63	237872	51.018	ug/l	99
46) Dibromomethane	9.516	93	169111	52.259	ug/l	97
47) Bromodichloromethane	9.698	83	323158	52.032	ug/l	99
48) Methyl methacrylate	9.498	41	256569	57.363	ug/l	94
49) 1,4-Dioxane	9.504	88	155471	1233.109	ug/l	96
51) 4-Methyl-2-Pentanone	10.274	43	2057811	280.785	ug/l	99
52) Toluene	10.445	92	612957	53.797	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	342660	55.847	ug/l	100
54) cis-1,3-Dichloropropene	10.127	75	367524	53.155	ug/l	98
55) 1,1,2-Trichloroethane	10.839	97	250585	52.741	ug/l	98
56) Ethyl methacrylate	10.704	69	402492	61.464	ug/l	98
57) 1,3-Dichloropropane	10.986	76	423503	52.536	ug/l	99
59) 2-Hexanone	11.027	43	1632876	294.075	ug/l	100
60) Dibromochloromethane	11.180	129	269247	56.962	ug/l	100
61) 1,2-Dibromoethane	11.286	107	267653	54.697	ug/l	100
64) Tetrachloroethene	10.916	164	236154	49.736	ug/l	98
65) Chlorobenzene	11.710	112	659795	51.992	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	249775	54.875	ug/l	99
67) Ethyl Benzene	11.786	91	1172370	54.760	ug/l	100
68) m/p-Xylenes	11.892	106	912342	111.731	ug/l	100
69) o-Xylene	12.221	106	449720	56.492	ug/l	100
70) Styrene	12.239	104	751293	58.955	ug/l	98
71) Bromoform	12.398	173	221856	59.051	ug/l #	99
73) Isopropylbenzene	12.521	105	1168415	54.094	ug/l	99
74) N-amyl acetate	12.333	43	450423	55.193	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.768	83	411656	49.389	ug/l	100
76) 1,2,3-Trichloropropane	12.821	75	307361m	57.335	ug/l	
77) Bromobenzene	12.798	156	296169	52.653	ug/l	98
78) n-propylbenzene	12.863	91	1335295	54.942	ug/l	100
79) 2-Chlorotoluene	12.945	91	792263	52.230	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	968542	54.489	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.568	75	125932	55.310	ug/l	97
82) 4-Chlorotoluene	13.045	91	764318	53.165	ug/l	97
83) tert-Butylbenzene	13.262	119	899407	57.126	ug/l	97
84) 1,2,4-Trimethylbenzene	13.310	105	977327	55.917	ug/l	99
85) sec-Butylbenzene	13.439	105	1208601	55.541	ug/l	99
86) p-Isopropyltoluene	13.557	119	1015086	59.174	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	529694	51.591	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	521766	50.791	ug/l	98
89) n-Butylbenzene	13.880	91	781972	56.025	ug/l	99
90) Hexachloroethane	14.151	117	182939	53.750	ug/l	95
91) 1,2-Dichlorobenzene	13.927	146	544160	52.302	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.545	75	94882	56.658	ug/l	91
93) 1,2,4-Trichlorobenzene	15.198	180	306125	59.250	ug/l	100
94) Hexachlorobutadiene	15.304	225	157890	56.212	ug/l	98
95) Naphthalene	15.439	128	1073951	64.055	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	325287	59.820	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081122\
Data File : VN073833.D
Acq On : 11 Aug 2022 18:32
Operator : JC\MD
Sample : N4172-03MSD
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
TT149S1-20220809MSD

Manual Integrations
APPROVED

Reviewed By : John Carlone 08/12/2022
Supervised By : Mahesh Dadoda 08/12/2022

Quant Time: Aug 12 06:07:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N072822W.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 05:09:32 2022
Response via : Initial Calibration

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

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

