

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080560.D
 Acq On : 20 Dec 2023 20:28
 Operator : JC\MD
 Sample : VN1220WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/21/2023
 Supervised By : Mahesh Dadoda 12/21/2023

Quant Time: Dec 21 02:51:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	304005	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	501675	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	436293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	207039	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	177492	45.712	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.420%		
35) Dibromofluoromethane	8.165	113	139961	44.002	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	88.000%		
50) Toluene-d8	10.565	98	529771	44.658	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	89.320%		
62) 4-Bromofluorobenzene	12.847	95	187386	41.599	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	83.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	66627	17.150	ug/l	95
3) Chloromethane	2.359	50	62605	15.118	ug/l	96
4) Vinyl Chloride	2.512	62	52790	15.911	ug/l	97
5) Bromomethane	2.959	94	27502	18.386	ug/l	96
6) Chloroethane	3.124	64	35886	16.833	ug/l	96
7) Trichlorofluoromethane	3.495	101	116654	17.335	ug/l	97
8) Diethyl Ether	3.953	74	38164	18.005	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.365	101	58436	18.321	ug/l	97
10) Methyl Iodide	4.583	142	40766	14.531	ug/l	99
11) Tert butyl alcohol	5.518	59	42558	93.065	ug/l	99
12) 1,1-Dichloroethene	4.342	96	57163	17.491	ug/l	93
13) Acrolein	4.177	56	53561	106.951	ug/l	98
14) Allyl chloride	5.024	41	79317	19.616	ug/l	92
15) Acrylonitrile	5.718	53	131499	101.771	ug/l	99
16) Acetone	4.418	43	88702	128.839	ug/l	99
17) Carbon Disulfide	4.712	76	144501	15.602	ug/l	100
18) Methyl Acetate	5.018	43	99660	22.497	ug/l	95
19) Methyl tert-butyl Ether	5.789	73	208628	19.134	ug/l	99
20) Methylene Chloride	5.271	84	67605	18.349	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	64041	18.072	ug/l	86
22) Diisopropyl ether	6.671	45	184314	21.120	ug/l	92
23) Vinyl Acetate	6.600	43	485762	96.915	ug/l #	92
24) 1,1-Dichloroethane	6.565	63	120528	19.795	ug/l	97
25) 2-Butanone	7.483	43	154884	116.780	ug/l	92
26) 2,2-Dichloropropane	7.489	77	108487	17.424	ug/l	99
27) cis-1,2-Dichloroethene	7.483	96	75254	18.761	ug/l	90
28) Bromochloromethane	7.812	49	40773	17.441	ug/l	94
29) Tetrahydrofuran	7.841	42	96611	101.725	ug/l	91
30) Chloroform	7.971	83	128498	19.012	ug/l	90
31) Cyclohexane	8.259	56	93896	17.782	ug/l	98
32) 1,1,1-Trichloroethane	8.171	97	120677	18.236	ug/l	96
36) 1,1-Dichloropropene	8.377	75	89309	17.172	ug/l	96
37) Ethyl Acetate	7.565	43	60326	18.523	ug/l	98
38) Carbon Tetrachloride	8.359	117	104879	16.877	ug/l	96
39) Methylcyclohexane	9.600	83	91425	16.922	ug/l	90
40) Benzene	8.606	78	271994	18.111	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
 Data File : VN080560.D
 Acq On : 20 Dec 2023 20:28
 Operator : JC\MD
 Sample : VN1220WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1220WBSD02

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/21/2023
 Supervised By :Mahesh Dadoda 12/21/2023

Quant Time: Dec 21 02:51:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 13 01:57:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	35598	18.960	ug/l	93
42) 1,2-Dichloroethane	8.671	62	102443	18.420	ug/l	99
43) Isopropyl Acetate	8.688	43	114463	19.547	ug/l	99
44) Trichloroethene	9.359	130	70770	17.480	ug/l	91
45) 1,2-Dichloropropane	9.618	63	68963	19.551	ug/l	92
46) Dibromomethane	9.712	93	46652	18.417	ug/l	87
47) Bromodichloromethane	9.888	83	102123	18.811	ug/l	100
48) Methyl methacrylate	9.682	41	70872	20.281	ug/l	86
49) 1,4-Dioxane	9.700	88	20194	381.258	ug/l #	87
51) 4-Methyl-2-Pentanone	10.447	43	339090	105.143	ug/l	100
52) Toluene	10.630	92	185105	19.510	ug/l	98
53) t-1,3-Dichloropropene	10.835	75	105059	17.886	ug/l	95
54) cis-1,3-Dichloropropene	10.312	75	115097	18.333	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	69122	20.248	ug/l	97
56) Ethyl methacrylate	10.877	69	72325	19.136	ug/l	90
57) 1,3-Dichloropropane	11.165	76	116128	19.405	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.159	63	207812	87.095	ug/l	96
59) 2-Hexanone	11.194	43	248219	104.256	ug/l	98
60) Dibromochloromethane	11.359	129	77998	19.281	ug/l	100
61) 1,2-Dibromoethane	11.471	107	67342	19.060	ug/l	96
64) Tetrachloroethene	11.106	164	59380	17.628	ug/l	95
65) Chlorobenzene	11.894	112	178736	18.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	69129	18.152	ug/l	95
67) Ethyl Benzene	11.965	91	320666	17.969	ug/l	99
68) m/p-Xylenes	12.071	106	234816	35.608	ug/l	89
69) o-Xylene	12.400	106	116276	18.027	ug/l	91
70) Styrene	12.412	104	174224	18.752	ug/l	94
71) Bromoform	12.576	173	47975	17.275	ug/l #	96
73) Isopropylbenzene	12.694	105	310526	18.670	ug/l	99
74) N-amyl acetate	12.494	43	91986	18.939	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	83903	18.826	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	76452m	18.510	ug/l	
77) Bromobenzene	12.982	156	71587	17.497	ug/l	98
78) n-propylbenzene	13.035	91	337523	18.406	ug/l	100
79) 2-Chlorotoluene	13.123	91	218481	18.249	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	265757	18.553	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.741	75	31459	19.998	ug/l	93
82) 4-Chlorotoluene	13.223	91	215595	17.520	ug/l	98
83) tert-Butylbenzene	13.441	119	213268	18.180	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	263482	18.490	ug/l	98
85) sec-Butylbenzene	13.618	105	279363	18.616	ug/l	99
86) p-Isopropyltoluene	13.729	119	250946	18.520	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	127520	17.690	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	126414	17.373	ug/l	97
89) n-Butylbenzene	14.059	91	208323	18.410	ug/l	98
90) Hexachloroethane	14.335	117	37495	17.424	ug/l	70
91) 1,2-Dichlorobenzene	14.106	146	123800	18.086	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18493	19.727	ug/l	92
93) 1,2,4-Trichlorobenzene	15.394	180	69480	18.282	ug/l	95
94) Hexachlorobutadiene	15.506	225	33183	15.336	ug/l	98
95) Naphthalene	15.641	128	234502	20.319	ug/l	97
96) 1,2,3-Trichlorobenzene	15.841	180	66653	18.174	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122023\
Data File : VN080560.D
Acq On : 20 Dec 2023 20:28
Operator : JC\MD
Sample : VN1220WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1220WBSD02

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/21/2023
Supervised By :Mahesh Dadoda 12/21/2023

Quant Time: Dec 21 02:51:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121223W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 13 01:57:14 2023
Response via : Initial Calibration

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

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

