

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076340.D
 Acq On : 20 Jan 2023 11:49
 Operator : JC\MD
 Sample : VN0120WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2023
 Supervised By : Mahesh Dadoda 01/25/2023

Quant Time: Jan 20 22:12:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	434458	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	686884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	590812	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	268276	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	238528	49.034	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	98.060%		
35) Dibromofluoromethane	8.171	113	216075	50.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.580%		
50) Toluene-d8	10.571	98	804547	50.701	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	101.400%		
62) 4-Bromofluorobenzene	12.853	95	263748	50.914	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.820%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	77610	17.432	ug/l	97
3) Chloromethane	2.377	50	76370	16.568	ug/l	98
4) Vinyl Chloride	2.530	62	98949	17.506	ug/l	97
5) Bromomethane	2.965	94	81538	17.616	ug/l	100
6) Chloroethane	3.130	64	79530	18.764	ug/l	100
7) Trichlorofluoromethane	3.512	101	131084	16.857	ug/l	95
8) Diethyl Ether	3.971	74	45368	17.394	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.389	101	75573	17.168	ug/l	97
10) Methyl Iodide	4.601	142	110607	16.449	ug/l	99
11) Tert butyl alcohol	5.530	59	56849	87.371	ug/l	96
12) 1,1-Dichloroethene	4.353	96	69844	16.784	ug/l	94
13) Acrolein	4.195	56	68929	88.582	ug/l	100
14) Allyl chloride	5.036	41	87576m	18.059	ug/l	
15) Acrylonitrile	5.730	53	160999	86.952	ug/l	98
16) Acetone	4.442	43	133869	85.797	ug/l	99
17) Carbon Disulfide	4.724	76	157669	15.217	ug/l	97
18) Methyl Acetate	5.042	43	86846	16.433	ug/l	97
19) Methyl tert-butyl Ether	5.812	73	238762	17.624	ug/l	100
20) Methylene Chloride	5.289	84	87170	18.511	ug/l	97
21) trans-1,2-Dichloroethene	5.800	96	73170	16.231	ug/l	99
22) Diisopropyl ether	6.683	45	197073	17.233	ug/l	97
23) Vinyl Acetate	6.612	43	632050	85.516	ug/l	99
24) 1,1-Dichloroethane	6.577	63	127878	16.775	ug/l	97
25) 2-Butanone	7.489	43	199642	83.823	ug/l	97
26) 2,2-Dichloropropane	7.500	77	112745	17.548	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	90751	17.260	ug/l	96
28) Bromochloromethane	7.818	49	58134	18.815	ug/l	100
29) Tetrahydrofuran	7.847	42	129034	87.781	ug/l	99
30) Chloroform	7.971	83	143467	17.009	ug/l	99
31) Cyclohexane	8.265	56	121204	16.219	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	134781	17.502	ug/l	90
36) 1,1-Dichloropropene	8.377	75	102658	16.814	ug/l	100
37) Ethyl Acetate	7.565	43	84360	17.250	ug/l	98
38) Carbon Tetrachloride	8.371	117	117266	17.223	ug/l	97
39) Methylcyclohexane	9.606	83	130958	17.564	ug/l	100
40) Benzene	8.612	78	314284	17.215	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076340.D
 Acq On : 20 Jan 2023 11:49
 Operator : JC\MD
 Sample : VN0120WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0120WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/23/2023
 Supervised By : Mahesh Dadoda 01/25/2023

Quant Time: Jan 20 22:12:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	43452	16.946	ug/l	93
42) 1,2-Dichloroethane	8.677	62	108252	17.330	ug/l	99
43) Isopropyl Acetate	8.694	43	138424	17.375	ug/l	98
44) Trichloroethene	9.359	130	86003	16.656	ug/l	93
45) 1,2-Dichloropropane	9.624	63	74191	16.973	ug/l	98
46) Dibromomethane	9.712	93	56579	17.144	ug/l	99
47) Bromodichloromethane	9.888	83	112922	17.642	ug/l	100
48) Methyl methacrylate	9.683	41	65341	17.324	ug/l	99
49) 1,4-Dioxane	9.700	88	28677	360.339	ug/l #	93
51) 4-Methyl-2-Pentanone	10.447	43	414223	88.569	ug/l	100
52) Toluene	10.630	92	204439	16.745	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	109459	17.939	ug/l	97
54) cis-1,3-Dichloropropene	10.318	75	121122	17.254	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	81734	17.514	ug/l	97
56) Ethyl methacrylate	10.877	69	111865	18.568	ug/l	98
57) 1,3-Dichloropropane	11.165	76	132110	17.420	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	166745	81.982	ug/l	97
59) 2-Hexanone	11.200	43	299104	88.255	ug/l	99
60) Dibromochloromethane	11.359	129	88450	18.005	ug/l	100
61) 1,2-Dibromoethane	11.471	107	83019	17.823	ug/l	98
64) Tetrachloroethene	11.106	164	93789	17.603	ug/l	95
65) Chlorobenzene	11.894	112	222573	17.822	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	83390	17.946	ug/l	99
67) Ethyl Benzene	11.965	91	391804	18.330	ug/l	99
68) m/p-Xylenes	12.071	106	315338	36.792	ug/l	99
69) o-Xylene	12.400	106	155543	18.480	ug/l	100
70) Styrene	12.412	104	246019	18.306	ug/l	98
71) Bromoform	12.582	173	60767	18.108	ug/l #	99
73) Isopropylbenzene	12.700	105	402670	19.402	ug/l	100
74) N-amyl acetate	12.494	43	111988	18.759	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	108149	18.127	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	99348m	19.754	ug/l	
77) Bromobenzene	12.982	156	95849	19.410	ug/l	96
78) n-propylbenzene	13.035	91	445078	19.006	ug/l	99
79) 2-Chlorotoluene	13.129	91	264602	18.414	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	335044	19.270	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	30519	18.928	ug/l	98
82) 4-Chlorotoluene	13.129	91	264602	18.414	ug/l	100
83) tert-Butylbenzene	13.441	119	297046	19.209	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	335586	19.249	ug/l	100
85) sec-Butylbenzene	13.618	105	412861	19.241	ug/l	100
86) p-Isopropyltoluene	13.729	119	342068	19.386	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	171972	17.581	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	167013	18.013	ug/l	98
89) n-Butylbenzene	14.059	91	259372	18.517	ug/l	99
90) Hexachloroethane	14.335	117	56103	18.422	ug/l	100
91) 1,2-Dichlorobenzene	14.106	146	169039	17.350	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	18572	17.908	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	74402	16.697	ug/l	99
94) Hexachlorobutadiene	15.506	225	43961	17.003	ug/l	99
95) Naphthalene	15.641	128	215636	16.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	73261	17.103	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012023\
 Data File : VN076340.D
 Acq On : 20 Jan 2023 11:49
 Operator : JC\MD
 Sample : VN0120WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN0120WBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 01/23/2023
 Supervised By : Mahesh Dadoda 01/25/2023

Quant Time: Jan 20 22:12:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 03:59:22 2023
 Response via : Initial Calibration

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

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

