

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076478.D
 Acq On : 31 Jan 2023 11:12
 Operator : JC\MD
 Sample : VN0131WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/01/2023
 Supervised By : Mahesh Dadoda 02/01/2023

Quant Time: Feb 01 00:44:53 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	8.229	168	370371	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	603864	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	551159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	258906	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	231762	55.887	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.780%			
35) Dibromofluoromethane	8.177	113	195521	51.760	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.520%			
50) Toluene-d8	10.570	98	701771	50.305	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.600%			
62) 4-Bromofluorobenzene	12.853	95	249013	54.678	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 109.360%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	67926	17.897	ug/l	96
3) Chloromethane	2.371	50	92246	23.474	ug/l	96
4) Vinyl Chloride	2.530	62	99529	20.656	ug/l	99
5) Bromomethane	2.971	94	64811	16.425	ug/l	98
6) Chloroethane	3.130	64	61171	16.930	ug/l	96
7) Trichlorofluoromethane	3.518	101	126234	19.042	ug/l	98
8) Diethyl Ether	3.977	74	44049	19.811	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.383	101	71406	19.028	ug/l	97
10) Methyl Iodide	4.600	142	101633	17.730	ug/l	94
11) Tert butyl alcohol	5.541	59	53508	96.465	ug/l	100
12) 1,1-Dichloroethene	4.359	96	62390	17.587	ug/l	85
13) Acrolein	4.194	56	55359	83.453	ug/l	100
14) Allyl chloride	5.041	41	88275	21.353	ug/l	88
15) Acrylonitrile	5.736	53	160224	101.506	ug/l	98
16) Acetone	4.441	43	150073	112.848	ug/l	100
17) Carbon Disulfide	4.724	76	134675	15.247	ug/l	99
18) Methyl Acetate	5.041	43	90995	20.197	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	233152	20.188	ug/l	98
20) Methylene Chloride	5.288	84	76554	19.088	ug/l	98
21) trans-1,2-Dichloroethene	5.800	96	66481	17.299	ug/l	99
22) Diisopropyl ether	6.683	45	206622	21.194	ug/l	98
23) Vinyl Acetate	6.612	43	646320	102.578	ug/l	99
24) 1,1-Dichloroethane	6.582	63	129519	19.931	ug/l	94
25) 2-Butanone	7.494	43	210350	103.601	ug/l	92
26) 2,2-Dichloropropane	7.500	77	109637	20.017	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	85227	19.014	ug/l	97
28) Bromochloromethane	7.818	49	66134	25.108	ug/l	94
29) Tetrahydrofuran	7.847	42	127940	102.097	ug/l	98
30) Chloroform	7.977	83	148668	20.675	ug/l	93
31) Cyclohexane	8.265	56	106892	16.779	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	129318	19.698	ug/l	98
36) 1,1-Dichloropropene	8.382	75	98115	18.279	ug/l	99
37) Ethyl Acetate	7.565	43	82659	19.222	ug/l	98
38) Carbon Tetrachloride	8.371	117	116102	19.396	ug/l	99
39) Methylcyclohexane	9.606	83	115920	17.685	ug/l	96
40) Benzene	8.612	78	299343	18.651	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
 Data File : VN076478.D
 Acq On : 31 Jan 2023 11:12
 Operator : JC\MD
 Sample : VN0131WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0131WBSD01

Manual Integrations
 APPROVED

Reviewed By :John Carlone 02/01/2023
 Supervised By :Mahesh Dadoda 02/01/2023

Quant Time: Feb 01 00:44:53 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	7.782	41	44580	19.776	ug/l	97
42) 1,2-Dichloroethane	8.676	62	113894	20.740	ug/l	98
43) Isopropyl Acetate	8.694	43	141342	20.180	ug/l	99
44) Trichloroethene	9.359	130	80544	17.743	ug/l	99
45) 1,2-Dichloropropane	9.623	63	76596	19.933	ug/l	97
46) Dibromomethane	9.712	93	58285	20.089	ug/l	97
47) Bromodichloromethane	9.894	83	117656	20.909	ug/l	94
48) Methyl methacrylate	9.682	41	67857	20.465	ug/l	93
49) 1,4-Dioxane	9.700	88	27885	398.559	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	429763	104.525	ug/l	98
52) Toluene	10.635	92	201735	18.795	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	112543	20.980	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	121041	19.613	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	84336	20.557	ug/l	99
56) Ethyl methacrylate	10.876	69	111254	21.005	ug/l	98
57) 1,3-Dichloropropane	11.165	76	136564	20.483	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	141581	79.180	ug/l	98
59) 2-Hexanone	11.200	43	312061	104.737	ug/l	98
60) Dibromochloromethane	11.359	129	89024	20.613	ug/l	98
61) 1,2-Dibromoethane	11.470	107	81911	20.002	ug/l	99
64) Tetrachloroethene	11.106	164	85464	17.195	ug/l	98
65) Chlorobenzene	11.894	112	216945	18.621	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.964	131	84963	19.600	ug/l	99
67) Ethyl Benzene	11.964	91	386394	19.378	ug/l	98
68) m/p-Xylenes	12.076	106	305855	38.252	ug/l	97
69) o-Xylene	12.400	106	149217	19.003	ug/l	95
70) Styrene	12.412	104	244699	19.517	ug/l	98
71) Bromoform	12.582	173	62385	19.928	ug/l #	99
73) Isopropylbenzene	12.700	105	394270	19.685	ug/l	100
74) N-amyl acetate	12.494	43	118663	20.596	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.941	83	116101	20.164	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	104208m	21.555	ug/l	
77) Bromobenzene	12.982	156	93733	19.676	ug/l	95
78) n-propylbenzene	13.041	91	448954	19.866	ug/l	100
79) 2-Chlorotoluene	13.129	91	275313	19.853	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	337725	20.127	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	28937	18.596	ug/l	90
82) 4-Chlorotoluene	13.129	91	275313	19.853	ug/l	100
83) tert-Butylbenzene	13.441	119	305548	20.474	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	340544	20.240	ug/l	99
85) sec-Butylbenzene	13.617	105	411439	19.868	ug/l	99
86) p-Isopropyltoluene	13.729	119	343264	20.158	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	168359	17.834	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	168888	18.870	ug/l	98
89) n-Butylbenzene	14.058	91	264399	19.559	ug/l	99
90) Hexachloroethane	14.335	117	57322	19.504	ug/l	95
91) 1,2-Dichlorobenzene	14.111	146	170114	18.092	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	19914	19.897	ug/l	95
93) 1,2,4-Trichlorobenzene	15.394	180	76311	17.663	ug/l	100
94) Hexachlorobutadiene	15.505	225	43363	17.379	ug/l	98
95) Naphthalene	15.641	128	211058	16.951	ug/l	100
96) 1,2,3-Trichlorobenzene	15.847	180	72814	17.580	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013123\
Data File : VN076478.D
Acq On : 31 Jan 2023 11:12
Operator : JC\MD
Sample : VN0131WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0131WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/01/2023
Supervised By :Mahesh Dadoda 02/01/2023

Quant Time: Feb 01 00:44:53 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

