

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN077987.D
 Acq On : 31 May 2023 12:17
 Operator : JC\MD
 Sample : VN0531WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS01

Quant Time: Jun 01 01:49:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/01/2023
 Supervised By : Mahesh Dadoda 06/01/2023

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	378052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	665008	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	575556	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	228391	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	282942	50.020	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.040%			
35) Dibromofluoromethane	8.171	113	244896	56.474	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.940%			
50) Toluene-d8	10.576	98	894006	53.561	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.120%			
62) 4-Bromofluorobenzene	12.853	95	290727	49.317	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.640%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	71657	16.655	ug/l	95
3) Chloromethane	2.371	50	82102	16.809	ug/l	92
4) Vinyl Chloride	2.524	62	102705	18.934	ug/l	94
5) Bromomethane	2.965	94	83873	20.906	ug/l	93
6) Chloroethane	3.130	64	75278	19.256	ug/l	100
7) Trichlorofluoromethane	3.506	101	147716	19.540	ug/l	96
8) Diethyl Ether	3.971	74	50487	18.294	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.383	101	82697	19.767	ug/l	96
10) Methyl Iodide	4.600	142	104235	20.892	ug/l	96
11) Tert butyl alcohol	5.530	59	72205	92.491	ug/l	99
12) 1,1-Dichloroethene	4.347	96	81451	20.484	ug/l	96
13) Acrolein	4.189	56	30754	39.083	ug/l	92
14) Allyl chloride	5.030	41	102489	17.546	ug/l	92
15) Acrylonitrile	5.736	53	193364	92.712	ug/l	100
16) Acetone	4.442	43	166987	93.831	ug/l	97
17) Carbon Disulfide	4.718	76	187003	17.454	ug/l	96
18) Methyl Acetate	5.042	43	140205	18.779	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	279227	19.401	ug/l	99
20) Methylene Chloride	5.283	84	94394	19.160	ug/l	90
21) trans-1,2-Dichloroethene	5.794	96	87535	19.598	ug/l	89
22) Diisopropyl ether	6.677	45	261464	19.097	ug/l	96
23) Vinyl Acetate	6.612	43	766977	90.413	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	171135	20.402	ug/l	95
25) 2-Butanone	7.494	43	250760	90.075	ug/l #	85
26) 2,2-Dichloropropane	7.500	77	140176	19.670	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	107451	20.064	ug/l	92
28) Bromochloromethane	7.818	49	69864	19.259	ug/l	91
29) Tetrahydrofuran	7.847	42	157047	86.153	ug/l #	85
30) Chloroform	7.977	83	185007	20.050	ug/l	94
31) Cyclohexane	8.259	56	140821	18.317	ug/l	92
32) 1,1,1-Trichloroethane	8.177	97	162079	20.660	ug/l	99
36) 1,1-Dichloropropene	8.377	75	132597	20.905	ug/l	97
37) Ethyl Acetate	7.571	43	102899	18.202	ug/l #	92
38) Carbon Tetrachloride	8.371	117	141164	22.040	ug/l	95
39) Methylcyclohexane	9.612	83	147093	18.943	ug/l	93
40) Benzene	8.612	78	402867	21.524	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN077987.D
 Acq On : 31 May 2023 12:17
 Operator : JC\MD
 Sample : VN0531WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0531WBS01

Quant Time: Jun 01 01:49:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :John Carlone 06/01/2023
 Supervised By :Mahesh Dadoda 06/01/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.782	41	52149	17.321	ug/l	97
42) 1,2-Dichloroethane	8.677	62	138028	20.301	ug/l	97
43) Isopropyl Acetate	8.694	43	176871	19.154	ug/l	96
44) Trichloroethene	9.359	130	102350	21.596	ug/l	94
45) 1,2-Dichloropropane	9.629	63	101719	21.306	ug/l	99
46) Dibromomethane	9.718	93	72588	21.248	ug/l	97
47) Bromodichloromethane	9.894	83	147353	22.529	ug/l	93
48) Methyl methacrylate	9.688	41	82856	18.925	ug/l	90
49) 1,4-Dioxane	9.700	88	31272	378.183	ug/l #	87
51) 4-Methyl-2-Pentanone	10.453	43	525178	95.680	ug/l	94
52) Toluene	10.635	92	249834	21.441	ug/l	95
53) t-1,3-Dichloropropene	10.841	75	141216	20.389	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	157740	20.666	ug/l	96
55) 1,1,2-Trichloroethane	11.023	97	98263	21.238	ug/l	94
56) Ethyl methacrylate	10.882	69	136655	19.535	ug/l	92
57) 1,3-Dichloropropane	11.171	76	166448	20.985	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	255806	74.329	ug/l	92
59) 2-Hexanone	11.200	43	366302	90.224	ug/l	91
60) Dibromochloromethane	11.365	129	103732	21.718	ug/l	96
61) 1,2-Dibromoethane	11.476	107	99170	21.485	ug/l	100
64) Tetrachloroethene	11.112	164	97379	24.194	ug/l	97
65) Chlorobenzene	11.894	112	267465	21.436	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.970	131	103306	23.928	ug/l	98
67) Ethyl Benzene	11.970	91	477144	21.339	ug/l	100
68) m/p-Xylenes	12.076	106	359425	42.423	ug/l	97
69) o-Xylene	12.406	106	175048	21.009	ug/l	94
70) Styrene	12.417	104	280689	21.206	ug/l	97
71) Bromoform	12.582	173	64370	22.413	ug/l #	96
73) Isopropylbenzene	12.700	105	461243	23.428	ug/l	99
74) N-amyl acetate	12.500	43	133907	18.401	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.941	83	135877	22.435	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	110299m	19.284	ug/l	
77) Bromobenzene	12.988	156	100202	22.303	ug/l	100
78) n-propylbenzene	13.041	91	518299	22.331	ug/l	99
79) 2-Chlorotoluene	13.129	91	323090	23.328	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	391396	23.654	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.747	75	34722	19.405	ug/l #	86
82) 4-Chlorotoluene	13.229	91	296949	21.549	ug/l	98
83) tert-Butylbenzene	13.447	119	332162	22.995	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	379762	23.337	ug/l	100
85) sec-Butylbenzene	13.623	105	446940	21.771	ug/l	99
86) p-Isopropyltoluene	13.735	119	372922	22.786	ug/l	99
87) 1,3-Dichlorobenzene	13.741	146	176892	21.290	ug/l	97
88) 1,4-Dichlorobenzene	13.817	146	165251	20.043	ug/l	97
89) n-Butylbenzene	14.064	91	286260	19.016	ug/l	97
90) Hexachloroethane	14.341	117	63313	23.549	ug/l	92
91) 1,2-Dichlorobenzene	14.111	146	174254	22.449	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.729	75	20477	17.463	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	63307	13.957	ug/l	98
94) Hexachlorobutadiene	15.511	225	35022	18.596	ug/l	95
95) Naphthalene	15.647	128	173350	11.103	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	68071	15.327	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053123\
 Data File : VN077987.D
 Acq On : 31 May 2023 12:17
 Operator : JC\MD
 Sample : VN0531WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN0531WBS01

Manual Integrations
APPROVED

Reviewed By : John Carlone 06/01/2023
 Supervised By : Mahesh Dadoda 06/01/2023

Quant Time: Jun 01 01:49:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

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

