

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076547.D
 Acq On : 06 Feb 2023 17:15
 Operator : JC\MD
 Sample : VN0206WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 15:26:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 15:24:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.235	168	592914	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	990762	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	876806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	396292	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	353700	50.101	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.200%			
35) Dibromofluoromethane	8.177	113	310027	50.566	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.140%			
50) Toluene-d8	10.571	98	1188259	51.010	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.020%			
62) 4-Bromofluorobenzene	12.853	95	415977	51.523	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.040%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.142	85	131298	21.068	ug/l	97
3) Chloromethane	2.377	50	112274	18.631	ug/l	97
4) Vinyl Chloride	2.530	62	102992	20.666	ug/l	98
5) Bromomethane	2.971	94	71229	18.709	ug/l	98
6) Chloroethane	3.136	64	57049	18.325	ug/l	99
7) Trichlorofluoromethane	3.512	101	183133	16.891	ug/l	98
8) Diethyl Ether	3.983	74	73603	18.668	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.389	101	116968	18.506	ug/l	98
10) Methyl Iodide	4.606	142	172018	18.461	ug/l	100
11) Tert butyl alcohol	5.541	59	88914	92.558	ug/l	99
12) 1,1-Dichloroethene	4.359	96	113352	18.887	ug/l	98
13) Acrolein	4.194	56	117438	89.774	ug/l	99
14) Allyl chloride	5.041	41	139766	17.809	ug/l	93
15) Acrylonitrile	5.736	53	256590	91.822	ug/l	98
16) Acetone	4.447	43	209496	84.853	ug/l	97
17) Carbon Disulfide	4.730	76	290546	19.050	ug/l	100
18) Methyl Acetate	5.047	43	137970	18.287	ug/l	99
19) Methyl tert-butyl Ether	5.806	73	364856	18.709	ug/l	98
20) Methylene Chloride	5.294	84	127243	17.833	ug/l	99
21) trans-1,2-Dichloroethene	5.800	96	116373	18.405	ug/l	99
22) Diisopropyl ether	6.688	45	326903	18.698	ug/l	98
23) Vinyl Acetate	6.618	43	1059681	94.045	ug/l	97
24) 1,1-Dichloroethane	6.583	63	210109	18.931	ug/l	99
25) 2-Butanone	7.488	43	312101	89.436	ug/l	99
26) 2,2-Dichloropropane	7.500	77	171359	18.320	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	138071	18.651	ug/l	100
28) Bromochloromethane	7.824	49	86151	18.746	ug/l	99
29) Tetrahydrofuran	7.847	42	208805	94.031	ug/l	99
30) Chloroform	7.977	83	222658	18.274	ug/l	99
31) Cyclohexane	8.265	56	201561	18.261	ug/l	96
32) 1,1,1-Trichloroethane	8.177	97	206039	18.967	ug/l	99
36) 1,1-Dichloropropene	8.377	75	165257	18.864	ug/l	99
37) Ethyl Acetate	7.571	43	129547	18.539	ug/l	99
38) Carbon Tetrachloride	8.371	117	180733	18.934	ug/l	96
39) Methylcyclohexane	9.606	83	211478	19.900	ug/l	98
40) Benzene	8.612	78	509840	19.116	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
 Data File : VN076547.D
 Acq On : 06 Feb 2023 17:15
 Operator : JC\MD
 Sample : VN0206WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0206WBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/07/2023
 Supervised By :Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 15:26:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 07 15:24:43 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	69765	18.695	ug/l	97
42) 1,2-Dichloroethane	8.677	62	168035	18.959	ug/l	98
43) Isopropyl Acetate	8.694	43	212563	18.705	ug/l	100
44) Trichloroethene	9.359	130	132318	18.557	ug/l	98
45) 1,2-Dichloropropane	9.624	63	120721	18.657	ug/l	97
46) Dibromomethane	9.712	93	86695	18.684	ug/l	98
47) Bromodichloromethane	9.894	83	174304	18.771	ug/l	96
48) Methyl methacrylate	9.682	41	106136	19.553	ug/l	97
49) 1,4-Dioxane	9.700	88	48181	376.811	ug/l #	100
51) 4-Methyl-2-Pentanone	10.447	43	645002	94.706	ug/l	98
52) Toluene	10.635	92	330208	19.399	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	172585	19.202	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	197365	19.463	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	125123	18.779	ug/l	98
56) Ethyl methacrylate	10.876	69	176841	19.774	ug/l	98
57) 1,3-Dichloropropane	11.165	76	207826	18.899	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	232030	86.299	ug/l	99
59) 2-Hexanone	11.200	43	459013	92.766	ug/l	99
60) Dibromochloromethane	11.359	129	136070	19.219	ug/l	100
61) 1,2-Dibromoethane	11.470	107	126747	19.043	ug/l	99
64) Tetrachloroethene	11.106	164	134230	18.135	ug/l	98
65) Chlorobenzene	11.894	112	340990	18.806	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	126743	19.073	ug/l	98
67) Ethyl Benzene	11.965	91	619897	19.421	ug/l	99
68) m/p-Xylenes	12.076	106	485414	39.214	ug/l	97
69) o-Xylene	12.400	106	242117	19.902	ug/l	99
70) Styrene	12.412	104	386323	19.967	ug/l	99
71) Bromoform	12.582	173	90328	19.049	ug/l #	99
73) Isopropylbenzene	12.700	105	619904	19.625	ug/l	99
74) N-amyl acetate	12.494	43	176352	19.154	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	170005	18.569	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	133322m	16.494	ug/l	
77) Bromobenzene	12.982	156	140975	18.969	ug/l	99
78) n-propylbenzene	13.035	91	699071	19.890	ug/l	100
79) 2-Chlorotoluene	13.129	91	434308	19.466	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	535523	19.999	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.741	75	46186	19.027	ug/l	93
82) 4-Chlorotoluene	13.129	91	434308	19.466	ug/l	99
83) tert-Butylbenzene	13.441	119	474583	19.931	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	526203	19.809	ug/l	100
85) sec-Butylbenzene	13.617	105	644042	20.065	ug/l	100
86) p-Isopropyltoluene	13.729	119	529179	20.245	ug/l	100
87) 1,3-Dichlorobenzene	13.735	146	256824	18.655	ug/l	100
88) 1,4-Dichlorobenzene	13.811	146	251241	18.092	ug/l	98
89) n-Butylbenzene	14.059	91	404147	19.491	ug/l	100
90) Hexachloroethane	14.335	117	86796	19.448	ug/l	98
91) 1,2-Dichlorobenzene	14.106	146	254624	18.848	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	29101	18.441	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	110448	18.551	ug/l	99
94) Hexachlorobutadiene	15.505	225	62345	18.238	ug/l	97
95) Naphthalene	15.641	128	322460	18.388	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	107932	18.857	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020623\
Data File : VN076547.D
Acq On : 06 Feb 2023 17:15
Operator : JC\MD
Sample : VN0206WBS01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0206WBS01

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/07/2023
Supervised By :Mahesh Dadoda 02/07/2023

Quant Time: Feb 07 15:26:21 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020623W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 07 15:24:43 2023
Response via : Initial Calibration

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

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

