

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020624\
 Data File : VN080926.D
 Acq On : 06 Feb 2024 19:21
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN020624

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/07/2024
 Supervised By : Mahesh Dadoda 02/07/2024

Quant Time: Feb 07 06:22:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	425701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	789268	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	718796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	319042	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	271372	50.533	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.060%			
35) Dibromofluoromethane	8.171	113	233264	55.077	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.160%			
50) Toluene-d8	10.571	98	826745	53.968	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.940%			
62) 4-Bromofluorobenzene	12.853	95	310159	55.733	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 111.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	239952	49.752	ug/l	95
3) Chloromethane	2.359	50	253694	50.796	ug/l	97
4) Vinyl Chloride	2.512	62	308937	49.048	ug/l	91
5) Bromomethane	2.942	94	188850	46.606	ug/l	92
6) Chloroethane	3.112	64	206985	46.597	ug/l	97
7) Trichlorofluoromethane	3.489	101	392797	47.627	ug/l	94
8) Diethyl Ether	3.959	74	144380	49.000	ug/l	77
9) 1,1,2-Trichlorotrifluo...	4.365	101	218322	47.059	ug/l	91
10) Methyl Iodide	4.583	142	231621	51.625	ug/l	98
11) Tert butyl alcohol	5.524	59	201105	271.792	ug/l	99
12) 1,1-Dichloroethene	4.336	96	213469	46.772	ug/l	90
13) Acrolein	4.183	56	237918	255.119	ug/l	98
14) Allyl chloride	5.018	41	314781	52.054	ug/l #	94
15) Acrylonitrile	5.718	53	522989	258.581	ug/l	98
16) Acetone	4.424	43	402655	227.900	ug/l	98
17) Carbon Disulfide	4.712	76	528767	45.933	ug/l #	95
18) Methyl Acetate	5.018	43	272456	52.309	ug/l #	88
19) Methyl tert-butyl Ether	5.788	73	763618	50.230	ug/l	93
20) Methylene Chloride	5.277	84	247624	46.260	ug/l #	85
21) trans-1,2-Dichloroethene	5.783	96	239231	46.695	ug/l	90
22) Diisopropyl ether	6.671	45	703457	50.187	ug/l #	93
23) Vinyl Acetate	6.600	43	2617381	283.380	ug/l #	88
24) 1,1-Dichloroethane	6.565	63	434541	47.603	ug/l	96
25) 2-Butanone	7.482	43	670042	236.275	ug/l #	84
26) 2,2-Dichloropropane	7.494	77	387640	46.438	ug/l	99
27) cis-1,2-Dichloroethene	7.482	96	287642	48.318	ug/l	85
28) Bromochloromethane	7.818	49	185054	48.719	ug/l #	56
29) Tetrahydrofuran	7.835	42	440294	253.945	ug/l #	79
30) Chloroform	7.965	83	489608	48.533	ug/l	99
31) Cyclohexane	8.259	56	320119	43.616	ug/l #	74
32) 1,1,1-Trichloroethane	8.171	97	433491	49.591	ug/l	93
36) 1,1-Dichloropropene	8.371	75	340254	54.004	ug/l	94
37) Ethyl Acetate	7.565	43	266656	55.933	ug/l #	94
38) Carbon Tetrachloride	8.359	117	361845	56.024	ug/l	99
39) Methylcyclohexane	9.600	83	330204	47.023	ug/l	85
40) Benzene	8.606	78	1027021	53.551	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020624\
 Data File : VN080926.D
 Acq On : 06 Feb 2024 19:21
 Operator : JC\MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ICVVN020624

Quant Time: Feb 07 06:22:40 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 07 06:22:23 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 02/07/2024
 Supervised By : Mahesh Dadoda 02/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	156079	54.935	ug/l	91
42) 1,2-Dichloroethane	8.671	62	359157	53.785	ug/l	98
43) Isopropyl Acetate	8.688	43	488110	55.678	ug/l #	91
44) Trichloroethene	9.353	130	274070	47.047	ug/l	96
45) 1,2-Dichloropropane	9.624	63	254960	49.271	ug/l	99
46) Dibromomethane	9.712	93	187847	49.093	ug/l #	88
47) Bromodichloromethane	9.888	83	377642	50.457	ug/l #	97
48) Methyl methacrylate	9.682	41	225528	45.660	ug/l #	85
49) 1,4-Dioxane	9.700	88	94344	1034.485	ug/l #	80
51) 4-Methyl-2-Pentanone	10.447	43	1474589	279.110	ug/l	91
52) Toluene	10.635	92	664602	51.735	ug/l	99
53) t-1,3-Dichloropropene	10.841	75	400477	55.298	ug/l	98
54) cis-1,3-Dichloropropene	10.312	75	419311	51.581	ug/l #	87
55) 1,1,2-Trichloroethane	11.018	97	267006	53.777	ug/l	88
56) Ethyl methacrylate	10.876	69	375436	63.209	ug/l #	83
57) 1,3-Dichloropropane	11.165	76	437830	54.352	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	944955	262.056	ug/l #	84
59) 2-Hexanone	11.200	43	1092172	272.752	ug/l	91
60) Dibromochloromethane	11.365	129	289310	57.026	ug/l	98
61) 1,2-Dibromoethane	11.470	107	271056	54.728	ug/l	98
64) Tetrachloroethene	11.106	164	249183	45.928	ug/l	86
65) Chlorobenzene	11.894	112	702217	46.615	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	263935	48.553	ug/l	95
67) Ethyl Benzene	11.965	91	1261266	48.604	ug/l	98
68) m/p-Xylenes	12.076	106	978602	99.261	ug/l	93
69) o-Xylene	12.400	106	479751	50.149	ug/l	92
70) Styrene	12.412	104	803743	55.980	ug/l	96
71) Bromoform	12.582	173	187682	51.548	ug/l #	97
73) Isopropylbenzene	12.700	105	1187323	47.852	ug/l	98
74) N-amyl acetate	12.494	43	437018	48.862	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.941	83	364364	47.206	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	319272m	49.080	ug/l	
77) Bromobenzene	12.982	156	291260	46.522	ug/l	72
78) n-propylbenzene	13.041	91	1353105	48.301	ug/l	94
79) 2-Chlorotoluene	13.129	91	832578	47.029	ug/l	92
80) 1,3,5-Trimethylbenzene	13.176	105	981057	48.645	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.741	75	113253	47.301	ug/l	91
82) 4-Chlorotoluene	13.223	91	833406	47.183	ug/l	93
83) tert-Butylbenzene	13.441	119	815368	47.430	ug/l	94
84) 1,2,4-Trimethylbenzene	13.482	105	989842	49.278	ug/l	97
85) sec-Butylbenzene	13.617	105	1139103	49.310	ug/l	94
86) p-Isopropyltoluene	13.729	119	948661	48.594	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	535259	48.007	ug/l	93
88) 1,4-Dichlorobenzene	13.811	146	524958	46.396	ug/l	97
89) n-Butylbenzene	14.059	91	797588	46.250	ug/l	97
90) Hexachloroethane	14.341	117	145337	47.213	ug/l	93
91) 1,2-Dichlorobenzene	14.111	146	511926	47.924	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.723	75	68952	47.758	ug/l	75
93) 1,2,4-Trichlorobenzene	15.394	180	253523	47.979	ug/l	99
94) Hexachlorobutadiene	15.506	225	99676	43.510	ug/l	96
95) Naphthalene	15.641	128	908174	52.055	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	247110	47.510	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN020624\
Data File : VN080926.D
Acq On : 06 Feb 2024 19:21
Operator : JC\MD
Sample : VSTDICV050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
ICVVN020624

Manual Integrations
APPROVED

Reviewed By :John Carlone 02/07/2024
Supervised By :Mahesh Dadoda 02/07/2024

Quant Time: Feb 07 06:22:40 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N020624W.M
Quant Title : SW846 8260
QLast Update : Wed Feb 07 06:22:23 2024
Response via : Initial Calibration

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

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

