

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
 Data File : VN075581.D
 Acq On : 06 Dec 2022 13:24
 Operator : JC\MD
 Sample : VN1206WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 07 00:12:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	182478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	292723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	264417	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	133548	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	49104	50.131	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 100.260%			
35) Dibromofluoromethane	8.177	113	62038	53.950	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.900%			
50) Toluene-d8	10.565	98	133356	51.490	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 102.980%			
62) 4-Bromofluorobenzene	12.853	95	102856	53.805	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 107.600%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.136	85	33104	23.725	ug/l	93
3) Chloromethane	2.377	50	36350	20.936	ug/l	100
4) Vinyl Chloride	2.524	62	48278	22.063	ug/l	93
5) Bromomethane	2.936	94	41169	21.396	ug/l	94
6) Chloroethane	3.112	64	35625	21.487	ug/l	100
7) Trichlorofluoromethane	3.501	101	67423	21.569	ug/l	97
8) Diethyl Ether	3.971	74	23397	21.355	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	38593	22.364	ug/l	92
10) Methyl Iodide	4.595	142	62605	22.388	ug/l	94
11) Tert butyl alcohol	5.542	59	29554	71.874	ug/l	100
12) 1,1-Dichloroethene	4.342	96	35892	21.240	ug/l	90
13) Acrolein	4.183	56	39513	110.306	ug/l	98
14) Allyl chloride	5.030	41	46356m	21.208	ug/l	
15) Acrylonitrile	5.730	53	84970	90.070	ug/l	98
16) Acetone	4.442	43	74134	81.141	ug/l	100
17) Carbon Disulfide	4.724	76	90632	20.637	ug/l	98
18) Methyl Acetate	5.036	43	46139	19.235	ug/l	96
19) Methyl tert-butyl Ether	5.812	73	122471	20.459	ug/l	100
20) Methylene Chloride	5.277	84	43118	22.571	ug/l	89
21) trans-1,2-Dichloroethene	5.795	96	40577	21.070	ug/l	94
22) Diisopropyl ether	6.683	45	107084	21.468	ug/l	98
23) Vinyl Acetate	6.612	43	388697m	97.950	ug/l	
24) 1,1-Dichloroethane	6.577	63	68012	21.242	ug/l	100
25) 2-Butanone	7.494	43	107911	84.598	ug/l	94
26) 2,2-Dichloropropane	7.500	77	59377	19.955	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	46715	21.452	ug/l	93
28) Bromochloromethane	7.818	49	28117	21.635	ug/l	83
29) Tetrahydrofuran	7.841	42	68103	87.774	ug/l	98
30) Chloroform	7.971	83	75761	20.605	ug/l	98
31) Cyclohexane	8.259	56	61647	19.809	ug/l	96
32) 1,1,1-Trichloroethane	8.171	97	69818	20.914	ug/l	95
36) 1,1-Dichloropropene	8.377	75	54962	21.917	ug/l	98
37) Ethyl Acetate	7.571	43	44442	19.682	ug/l	98
38) Carbon Tetrachloride	8.365	117	63124	22.915	ug/l	96
39) Methylcyclohexane	9.606	83	69644	22.190	ug/l	97
40) Benzene	8.612	78	169192	22.037	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
 Data File : VN075581.D
 Acq On : 06 Dec 2022 13:24
 Operator : JC\MD
 Sample : VN1206WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1206WBS02

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 07 00:12:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	22639	19.611	ug/l	97
42) 1,2-Dichloroethane	8.677	62	56798	22.088	ug/l	100
43) Isopropyl Acetate	8.694	43	73798	20.362	ug/l	98
44) Trichloroethene	9.353	130	46596	22.180	ug/l	97
45) 1,2-Dichloropropane	9.630	63	40993	22.405	ug/l	92
46) Dibromomethane	9.712	93	30189	21.814	ug/l #	88
47) Bromodichloromethane	9.888	83	59658	22.260	ug/l	97
48) Methyl methacrylate	9.682	41	33197	19.809	ug/l	95
49) 1,4-Dioxane	9.700	88	16702	350.973	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	221487	95.947	ug/l	97
52) Toluene	10.635	92	112433	22.725	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	58601	21.781	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	65503	22.416	ug/l	97
55) 1,1,2-Trichloroethane	11.018	97	43681	21.676	ug/l	96
56) Ethyl methacrylate	10.877	69	58756	21.590	ug/l	96
57) 1,3-Dichloropropane	11.165	76	69877	21.267	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.159	63	94268	96.046	ug/l	96
59) 2-Hexanone	11.194	43	163226	94.165	ug/l	99
60) Dibromochloromethane	11.359	129	48826	23.605	ug/l	99
61) 1,2-Dibromoethane	11.471	107	44302	21.181	ug/l	99
64) Tetrachloroethene	11.106	164	42524	21.059	ug/l	89
65) Chlorobenzene	11.894	112	121881	22.320	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	47402	23.259	ug/l	96
67) Ethyl Benzene	11.965	91	213095	22.874	ug/l	98
68) m/p-Xylenes	12.071	106	174889	46.228	ug/l	97
69) o-Xylene	12.400	106	85284	22.689	ug/l	96
70) Styrene	12.412	104	136730	23.059	ug/l	99
71) Bromoform	12.576	173	36452	23.500	ug/l #	95
73) Isopropylbenzene	12.700	105	217166	22.258	ug/l	98
74) N-amyl acetate	12.494	43	63411	21.140	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	61275	20.599	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	52933m	20.963	ug/l	
77) Bromobenzene	12.982	156	53065	22.030	ug/l	84
78) n-propylbenzene	13.041	91	249173	22.883	ug/l	100
79) 2-Chlorotoluene	13.129	91	147762	22.522	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	185392	22.870	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	16013	18.764	ug/l	96
82) 4-Chlorotoluene	13.129	91	147762	22.522	ug/l	98
83) tert-Butylbenzene	13.441	119	164941	22.317	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	189258	23.276	ug/l	99
85) sec-Butylbenzene	13.618	105	231715	23.106	ug/l	99
86) p-Isopropyltoluene	13.735	119	197772	23.440	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	103535	22.686	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	100509	21.680	ug/l	99
89) n-Butylbenzene	14.059	91	153554	21.548	ug/l	98
90) Hexachloroethane	14.335	117	32897	22.601	ug/l	81
91) 1,2-Dichlorobenzene	14.106	146	99705	22.412	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.723	75	10336	18.343	ug/l	78
93) 1,2,4-Trichlorobenzene	15.394	180	50319	22.072	ug/l	99
94) Hexachlorobutadiene	15.506	225	26577	22.381	ug/l	98
95) Naphthalene	15.641	128	145594	20.300	ug/l	100
96) 1,2,3-Trichlorobenzene	15.841	180	49609	22.140	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120622\
 Data File : VN075581.D
 Acq On : 06 Dec 2022 13:24
 Operator : JC\MD
 Sample : VN1206WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 VN1206WBS02

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 12/07/2022
 Supervised By :Mahesh Dadoda 12/07/2022

Quant Time: Dec 07 00:12:40 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112122W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 23 00:18:03 2022
 Response via : Initial Calibration

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

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

