

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
 Data File : VN066276.D
 Acq On : 19 Mar 2021 13:36
 Operator : JC/MD
 Sample : VN0319WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:50:25 AM

Quant Time: Mar 20 04:56:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.582	168	272597	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.512	114	402272	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.347	117	372274	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.286	152	165886	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.946	65	163176	41.55	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	83.10%		
35) Dibromofluoromethane	7.507	113	128290	49.99	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.98%		
50) Toluene-d8	10.025	98	478613	48.23	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	96.46%		
62) 4-Bromofluorobenzene	12.342	95	147485	41.23	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	82.46%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.821	85	44983	16.77	ug/l	95
3) Chloromethane	2.019	50	68389	15.61	ug/l	99
4) Vinyl Chloride	2.148	62	58930	15.22	ug/l	96
5) Bromomethane	2.521	94	35329	15.95	ug/l	91
6) Chloroethane	2.658	64	33773	15.08	ug/l	99
7) Trichlorofluoromethane	2.966	101	77633	17.13	ug/l	99
8) Diethyl Ether	3.344	74	30227	16.33	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.685	101	40769	16.98	ug/l	94
10) Methyl Iodide	3.870	142	56873	16.73	ug/l	98
11) Tert butyl alcohol	4.717	59	54394m	81.14	ug/l	
12) 1,1-Dichloroethene	3.661	96	40100	15.67	ug/l	97
13) Acrolein	3.532	56	39143	61.32	ug/l	98
14) Allyl chloride	4.227	41	99555	16.42	ug/l #	92
15) Acrylonitrile	4.884	53	175501	87.41	ug/l	99
16) Acetone	3.744	43	156557	82.98	ug/l	97
17) Carbon Disulfide	3.972	76	109347	15.13	ug/l	99
18) Methyl Acetate	4.237	43	103471	19.60	ug/l	97
19) Methyl tert-butyl Ether	4.945	73	170015	17.38	ug/l	98
20) Methylene Chloride	4.449	84	51659	17.50	ug/l	91
21) trans-1,2-Dichloroethene	4.924	96	48248	17.01	ug/l	88
22) Diisopropyl ether	5.857	45	201983	16.22	ug/l #	95
23) Vinyl Acetate	5.795	43	800178	74.92	ug/l #	94
24) 1,1-Dichloroethane	5.742	63	109064	17.57	ug/l	98
25) 2-Butanone	6.745	43	210997	72.00	ug/l	92
26) 2,2-Dichloropropane	6.723	77	84587	16.48	ug/l	96
27) cis-1,2-Dichloroethene	6.731	96	57863	17.70	ug/l	86
28) Bromochloromethane	7.104	49	49074	14.95	ug/l #	72
29) Tetrahydrofuran	7.128	42	139898	69.33	ug/l #	87
30) Chloroform	7.287	83	103705	18.29	ug/l	97
31) Cyclohexane	7.566	56	79129	13.45	ug/l #	90
32) 1,1,1-Trichloroethane	7.482	97	87207	17.90	ug/l	94
36) 1,1-Dichloropropene	7.710	75	70628	17.34	ug/l	96
37) Ethyl Acetate	6.841	43	88018	15.12	ug/l #	94
38) Carbon Tetrachloride	7.686	117	72792	19.93	ug/l	99
39) Methylcyclohexane	9.008	83	72475	16.57	ug/l	94
40) Benzene	7.960	78	232811	19.04	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
 Data File : VN066276.D
 Acq On : 19 Mar 2021 13:36
 Operator : JC/MD
 Sample : VN0319WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0319WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/22/2021 11:50:25 AM

Quant Time: Mar 20 04:56:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 17 05:05:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.104	41	48692m	16.96	ug/l	
42) 1,2-Dichloroethane	8.046	62	83047	18.71	ug/l	96
43) Isopropyl Acetate	8.094	43	139886	15.54	ug/l #	94
44) Trichloroethene	8.764	130	59803	20.12	ug/l	87
45) 1,2-Dichloropropane	9.049	63	65696	18.56	ug/l	97
46) Dibromomethane	9.137	93	39647	20.10	ug/l	90
47) Bromodichloromethane	9.333	83	79954	18.59	ug/l	98
48) Methyl methacrylate	9.135	41	63318	14.84	ug/l	91
49) 1,4-Dioxane	9.145	88	16583	358.08	ug/l #	67
51) 4-Methyl-2-Pentanone	9.920	43	444331	81.66	ug/l	94
52) Toluene	10.092	92	138606	19.55	ug/l	98
53) t-1,3-Dichloropropene	10.320	75	84251	17.33	ug/l	96
54) cis-1,3-Dichloropropene	9.776	75	93532	17.71	ug/l #	88
55) 1,1,2-Trichloroethane	10.500	97	61819	21.29	ug/l	96
56) Ethyl methacrylate	10.371	69	76746	16.33	ug/l #	85
57) 1,3-Dichloropropane	10.644	76	96826	18.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.631	63	41582	105.31	ug/l	94
59) 2-Hexanone	10.693	43	304214	72.46	ug/l	94
60) Dibromochloromethane	10.840	129	60397	19.86	ug/l	100
61) 1,2-Dibromoethane	10.945	107	57818	20.00	ug/l	100
64) Tetrachloroethene	10.569	164	66654	21.59	ug/l	97
65) Chlorobenzene	11.374	112	149447	20.01	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.449	131	58428	20.88	ug/l	98
67) Ethyl Benzene	11.452	91	229693	17.34	ug/l	96
68) m/p-Xylenes	11.562	106	184606	37.56	ug/l	89
69) o-Xylene	11.889	106	84844	17.97	ug/l	89
70) Styrene	11.905	104	144724	17.94	ug/l	94
71) Bromoform	12.066	173	44875	20.23	ug/l #	95
73) Isopropylbenzene	12.192	105	217827	18.74	ug/l	96
74) N-amyl acetate	12.015	43	78734	13.83	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.447	83	80152	19.73	ug/l	96
76) 1,2,3-Trichloropropane	12.498	75	75792m	17.69	ug/l	
77) Bromobenzene	12.466	156	58958	19.33	ug/l	96
78) n-propylbenzene	12.535	91	257276	19.24	ug/l	96
79) 2-Chlorotoluene	12.616	91	160718	19.68	ug/l	95
80) 1,3,5-Trimethylbenzene	12.675	105	189740	19.67	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.243	75	25646	17.91	ug/l	96
82) 4-Chlorotoluene	12.715	91	158915	18.20	ug/l	100
83) tert-Butylbenzene	12.935	119	140309	16.68	ug/l	97
84) 1,2,4-Trimethylbenzene	12.983	105	171146	18.15	ug/l	99
85) sec-Butylbenzene	13.115	105	193245	17.92	ug/l	99
86) p-Isopropyltoluene	13.233	119	169273	17.89	ug/l	99
87) 1,3-Dichlorobenzene	13.227	146	100869	19.52	ug/l	98
88) 1,4-Dichlorobenzene	13.305	146	102556	18.95	ug/l	97
89) n-Butylbenzene	13.557	91	151180	17.46	ug/l	97
90) Hexachloroethane	13.815	117	32525	19.64	ug/l	94
91) 1,2-Dichlorobenzene	13.595	146	113547	22.30	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.214	75	15380	17.52	ug/l	78
93) 1,2,4-Trichlorobenzene	14.850	180	72763	21.88	ug/l	99
94) Hexachlorobutadiene	14.946	225	36353	22.48	ug/l	99
95) Naphthalene	15.070	128	202131	20.78	ug/l	99
96) 1,2,3-Trichlorobenzene	15.247	180	71754	21.66	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031921\
Data File : VN066276.D
Acq On : 19 Mar 2021 13:36
Operator : JC/MD
Sample : VN0319WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0319WBSD01

Manual Integrations
APPROVED

MMDadoda
3/22/2021 11:50:25 AM

Quant Time: Mar 20 04:56:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031621W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 17 05:05:15 2021
Response via : Initial Calibration

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

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

