

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030221\
 Data File : VN066104.D
 Acq On : 2 Mar 2021 17:28
 Operator : JC/MD
 Sample : VN0302WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 11:00:33 AM

Quant Time: Mar 03 03:53:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.621	168	84890	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.547	114	139432	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.376	117	125424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.312	152	56590	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.984	65	59293	45.90	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	91.80%		
35) Dibromofluoromethane	7.550	113	41231	46.69	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	93.38%		
50) Toluene-d8	10.055	98	159126	46.27	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.54%		
62) 4-Bromofluorobenzene	12.370	95	59930	45.25	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.50%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.846	85	18348	16.85	ug/l	96
3) Chloromethane	2.052	50	19464	17.03	ug/l	99
4) Vinyl Chloride	2.181	62	20198	16.81	ug/l	96
5) Bromomethane	2.547	94	14219	17.01	ug/l	92
6) Chloroethane	2.692	64	11013	17.22	ug/l	97
7) Trichlorofluoromethane	3.000	101	32401	17.10	ug/l	100
8) Diethyl Ether	3.383	74	9886	18.11	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.730	101	14418	18.06	ug/l	98
10) Methyl Iodide	3.923	142	20806	17.06	ug/l	94
11) Tert butyl alcohol	4.737	59	15463	86.69	ug/l	100
12) 1,1-Dichloroethene	3.705	96	14872	16.98	ug/l	95
13) Acrolein	3.576	56	11501	83.04	ug/l	93
14) Allyl chloride	4.283	41	21818	16.25	ug/l	88
15) Acrylonitrile	4.936	53	34346	88.65	ug/l	99
16) Acetone	3.782	43	34271	88.75	ug/l	94
17) Carbon Disulfide	4.020	76	42428	16.49	ug/l	97
18) Methyl Acetate	4.287	43	14605	17.72	ug/l	99
19) Methyl tert-butyl Ether	4.997	73	56647	17.47	ug/l	96
20) Methylene Chloride	4.508	84	18116	17.82	ug/l	97
21) trans-1,2-Dichloroethene	4.997	96	16585	18.24	ug/l	94
22) Diisopropyl ether	5.901	45	48338	17.95	ug/l	96
23) Vinyl Acetate	5.846	43	202575	88.66	ug/l	99
24) 1,1-Dichloroethane	5.807	63	30535	18.16	ug/l	98
25) 2-Butanone	6.785	43	44305	86.51	ug/l	98
26) 2,2-Dichloropropane	6.778	77	30515	17.64	ug/l	95
27) cis-1,2-Dichloroethene	6.782	96	18728	17.31	ug/l	92
28) Bromochloromethane	7.148	49	12670	18.44	ug/l #	95
29) Tetrahydrofuran	7.164	42	27620	83.58	ug/l	91
30) Chloroform	7.328	83	31568	17.01	ug/l	96
31) Cyclohexane	7.614	56	26296	17.02	ug/l	95
32) 1,1,1-Trichloroethane	7.528	97	30342	17.38	ug/l	98
36) 1,1-Dichloropropene	7.749	75	23335	17.80	ug/l	98
37) Ethyl Acetate	6.878	43	19382	18.98	ug/l	97
38) Carbon Tetrachloride	7.733	117	26062	17.30	ug/l	99
39) Methylcyclohexane	9.042	83	24900	17.58	ug/l	94
40) Benzene	8.000	78	67946	17.56	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030221\
 Data File : VN066104.D
 Acq On : 2 Mar 2021 17:28
 Operator : JC/MD
 Sample : VN0302WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0302WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/3/2021 11:00:33 AM

Quant Time: Mar 03 03:53:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 02 14:05:08 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.139	41	10474m	20.05	ug/l	
42) 1,2-Dichloroethane	8.081	62	28016	18.28	ug/l	95
43) Isopropyl Acetate	8.122	43	34186	17.89	ug/l #	90
44) Trichloroethene	8.798	130	19004	17.58	ug/l	99
45) 1,2-Dichloropropane	9.081	63	17384	18.05	ug/l	99
46) Dibromomethane	9.167	93	11729	18.64	ug/l	95
47) Bromodichloromethane	9.364	83	26185	17.95	ug/l	98
48) Methyl methacrylate	9.158	41	16040	17.33	ug/l	96
49) 1,4-Dioxane	9.161	88	6142	374.76	ug/l	92
51) 4-Methyl-2-Pentanone	9.946	43	92200	88.14	ug/l	99
52) Toluene	10.119	92	44445	17.85	ug/l	94
53) t-1,3-Dichloropropene	10.347	75	30360	18.02	ug/l	93
54) cis-1,3-Dichloropropene	9.804	75	31143	17.85	ug/l	94
55) 1,1,2-Trichloroethane	10.528	97	16394	17.51	ug/l	94
56) Ethyl methacrylate	10.396	69	24301	18.30	ug/l	99
57) 1,3-Dichloropropane	10.672	76	28648	18.08	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.659	63	48616	93.86	ug/l	97
59) 2-Hexanone	10.717	43	60647	85.68	ug/l	98
60) Dibromochloromethane	10.868	129	19305	17.90	ug/l	98
61) 1,2-Dibromoethane	10.974	107	17008	17.85	ug/l	99
64) Tetrachloroethene	10.595	164	18459	17.83	ug/l	97
65) Chlorobenzene	11.399	112	45698	17.44	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.476	131	18074	18.21	ug/l	98
67) Ethyl Benzene	11.479	91	83076	17.61	ug/l	99
68) m/p-Xylenes	11.589	106	65402	35.89	ug/l	99
69) o-Xylene	11.913	106	30692	17.25	ug/l	91
70) Styrene	11.933	104	50279	17.98	ug/l	96
71) Bromoform	12.097	173	11870	17.21	ug/l #	99
73) Isopropylbenzene	12.219	105	81381	17.53	ug/l	99
74) N-amyl acetate	12.042	43	17369	15.13	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.473	83	20953	17.06	ug/l	95
76) 1,2,3-Trichloropropane	12.524	75	21714m	17.38	ug/l	
77) Bromobenzene	12.495	156	19308	18.05	ug/l	91
78) n-propylbenzene	12.560	91	88088	17.47	ug/l	99
79) 2-Chlorotoluene	12.643	91	56532	17.44	ug/l	97
80) 1,3,5-Trimethylbenzene	12.701	105	71770	17.46	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.270	75	7523	17.72	ug/l	99
82) 4-Chlorotoluene	12.743	91	58986	17.63	ug/l	96
83) tert-Butylbenzene	12.961	119	58234	17.27	ug/l	96
84) 1,2,4-Trimethylbenzene	13.010	105	70350	17.52	ug/l	99
85) sec-Butylbenzene	13.142	105	73420	17.72	ug/l	99
86) p-Isopropyltoluene	13.257	119	69625	18.05	ug/l	97
87) 1,3-Dichlorobenzene	13.251	146	33250	17.85	ug/l	96
88) 1,4-Dichlorobenzene	13.331	146	32056	16.35	ug/l	89
89) n-Butylbenzene	13.582	91	53676	17.64	ug/l	99
90) Hexachloroethane	13.842	117	10271	17.53	ug/l	99
91) 1,2-Dichlorobenzene	13.621	146	33880	18.35	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.238	75	5936	17.58	ug/l	68
93) 1,2,4-Trichlorobenzene	14.878	180	17896	18.38	ug/l	99
94) Hexachlorobutadiene	14.974	225	8692	18.67	ug/l	97
95) Naphthalene	15.096	128	53370	16.92	ug/l	99
96) 1,2,3-Trichlorobenzene	15.277	180	18481	17.55	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030221\
Data File : VN066104.D
Acq On : 2 Mar 2021 17:28
Operator : JC/MD
Sample : VN0302WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0302WBSD01

Manual Integrations
APPROVED

MMDadoda
3/3/2021 11:00:33 AM

Quant Time: Mar 03 03:53:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030221W.M
Quant Title : SW846 8260
QLast Update : Tue Mar 02 14:05:08 2021
Response via : Initial Calibration

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

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

