

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066777.D
 Acq On : 27 Apr 2021 12:50
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 4/28/2021 2:38:41 PM

Quant Time: Apr 27 13:12:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 12:43:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.588	168	326609	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	538963	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.349	117	496129	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.285	152	248992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.951	65	686676	170.24	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 340.48%#			
35) Dibromofluoromethane	7.511	113	547244	162.38	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 324.76%#			
50) Toluene-d8	10.029	98	2130676	162.54	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 325.08%#			
62) 4-Bromofluorobenzene	12.344	95	798590	178.58	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 357.16%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.833	85	562450	153.39	ug/l	99
3) Chloromethane	2.031	50	727142	140.74	ug/l	99
4) Vinyl Chloride	2.160	62	720162	155.18	ug/l	99
5) Bromomethane	2.493	94	262113	98.42	ug/l	97
6) Chloroethane	2.638	64	425424	154.65	ug/l	99
7) Trichlorofluoromethane	2.959	101	854093	167.98	ug/l	99
8) Diethyl Ether	3.354	74	357313	165.88	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.689	101	500553	158.26	ug/l	99
10) Methyl Iodide	3.879	142	808425	162.88	ug/l	98
11) Tert butyl alcohol	4.711	59	508682	954.44	ug/l	100
12) 1,1-Dichloroethene	3.667	96	523649	163.70	ug/l	95
13) Acrolein	3.541	56	407084	730.69	ug/l	99
14) Allyl chloride	4.241	41	999437	164.06	ug/l	98
15) Acrylonitrile	4.890	53	1493565	861.79	ug/l	99
16) Acetone	3.751	43	1157656	764.95	ug/l	96
17) Carbon Disulfide	3.979	76	1612192	158.08	ug/l	98
18) Methyl Acetate	4.247	43	649992	155.81	ug/l	97
19) Methyl tert-butyl Ether	4.955	73	1833869	174.82	ug/l	98
20) Methylene Chloride	4.467	84	624879	140.81	ug/l	96
21) trans-1,2-Dichloroethene	4.947	96	572722	163.52	ug/l	91
22) Diisopropyl ether	5.864	45	2052835	166.49	ug/l	97
23) Vinyl Acetate	5.802	43	8542530	853.73	ug/l	100
24) 1,1-Dichloroethane	5.754	63	1096760	159.60	ug/l	98
25) 2-Butanone	6.744	43	1913126	884.52	ug/l	95
26) 2,2-Dichloropropane	6.733	77	908232	160.36	ug/l	98
27) cis-1,2-Dichloroethene	6.738	96	666580	164.21	ug/l	95
28) Bromochloromethane	7.111	49	542668	169.20	ug/l	89
29) Tetrahydrofuran	7.127	42	1284566	863.08	ug/l	95
30) Chloroform	7.291	83	1052098	162.83	ug/l	99
31) Cyclohexane	7.575	56	995927	153.28	ug/l	93
32) 1,1,1-Trichloroethane	7.492	97	905533	167.30	ug/l	98
36) 1,1-Dichloropropene	7.717	75	821838	164.28	ug/l	99
37) Ethyl Acetate	6.840	43	827144	156.24	ug/l	99
38) Carbon Tetrachloride	7.698	117	766082	160.48	ug/l	99
39) Methylcyclohexane	9.013	83	1001268	168.81	ug/l	96
40) Benzene	7.967	78	2511110	156.82	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066777.D
 Acq On : 27 Apr 2021 12:50
 Operator : JC/MD
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 4/28/2021 2:38:41 PM

Quant Time: Apr 27 13:12:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 27 12:43:41 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.084	41	386783	164.52	ug/l #	100
42) 1,2-Dichloroethane	8.050	62	846262	163.56	ug/l	99
43) Isopropyl Acetate	8.093	43	1426107	169.16	ug/l #	89
44) Trichloroethene	8.769	130	618165	161.65	ug/l	99
45) 1,2-Dichloropropane	9.050	63	672103	154.76	ug/l	100
46) Dibromomethane	9.141	93	417385	163.47	ug/l	98
47) Bromodichloromethane	9.337	83	877481	163.37	ug/l	100
48) Methyl methacrylate	9.136	41	683810	184.87	ug/l	92
49) 1,4-Dioxane	9.136	88	196488	4201.95	ug/l	94
51) 4-Methyl-2-Pentanone	9.922	43	4052934	860.33	ug/l	100
52) Toluene	10.093	92	1545851	164.15	ug/l	98
53) t-1,3-Dichloropropene	10.321	75	1009044	177.64	ug/l	98
54) cis-1,3-Dichloropropene	9.777	75	1087550	168.68	ug/l	94
55) 1,1,2-Trichloroethane	10.501	97	599485	160.68	ug/l	98
56) Ethyl methacrylate	10.370	69	957649	198.16	ug/l	94
57) 1,3-Dichloropropane	10.646	76	1027444	163.63	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	1212965	1439.72	ug/l	96
59) 2-Hexanone	10.691	43	2930131	1067.47	ug/l	98
60) Dibromochloromethane	10.842	129	673440	169.18	ug/l	99
61) 1,2-Dibromoethane	10.944	107	627360	170.57	ug/l	100
64) Tetrachloroethene	10.571	164	505655	145.80	ug/l	99
65) Chlorobenzene	11.373	112	1613529	160.26	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	601446	164.13	ug/l	99
67) Ethyl Benzene	11.453	91	2940821	169.76	ug/l	99
68) m/p-Xylenes	11.563	106	2240883	347.55	ug/l	97
69) o-Xylene	11.890	106	1085338	170.82	ug/l	99
70) Styrene	11.906	104	1859923	192.13	ug/l	98
71) Bromoform	12.070	173	499226	179.91	ug/l #	98
73) Isopropylbenzene	12.191	105	2843150	159.13	ug/l	99
74) N-amyl acetate	12.016	43	1107334	256.68	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.448	83	904984	149.84	ug/l	99
76) 1,2,3-Trichloropropane	12.496	75	889610m	165.51	ug/l	
77) Bromobenzene	12.467	156	723320	157.66	ug/l	92
78) n-propylbenzene	12.534	91	3328372	167.70	ug/l	100
79) 2-Chlorotoluene	12.617	91	1993815	163.80	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	2454931	162.38	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.244	75	307969	199.35	ug/l	99
82) 4-Chlorotoluene	12.716	91	2100522	172.84	ug/l	98
83) tert-Butylbenzene	12.936	119	2067801	153.44	ug/l	99
84) 1,2,4-Trimethylbenzene	12.982	105	2452509	169.64	ug/l	98
85) sec-Butylbenzene	13.113	105	2816408	166.31	ug/l	100
86) p-Isopropyltoluene	13.231	119	2538258	179.79	ug/l	99
87) 1,3-Dichlorobenzene	13.226	146	1276989	165.46	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	1296897	157.02	ug/l	99
89) n-Butylbenzene	13.556	91	2268674	179.61	ug/l	99
90) Hexachloroethane	13.816	117	488241	155.65	ug/l	95
91) 1,2-Dichlorobenzene	13.593	146	1214037	153.95	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.213	75	164082	151.20	ug/l	96
93) 1,2,4-Trichlorobenzene	14.849	180	752628	152.74	ug/l	98
94) Hexachlorobutadiene	14.948	225	359680	147.52	ug/l	99
95) Naphthalene	15.068	128	1931040	144.68	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	704475	145.42	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
Data File : VN066777.D
Acq On : 27 Apr 2021 12:50
Operator : JC/MD
Sample : VSTDICC150
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Manual Integrations
APPROVED

MMDadoda
4/28/2021 2:38:41 PM

Quant Time: Apr 27 13:12:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042721W.M
Quant Title : SW846 8260
QLast Update : Tue Apr 27 12:43:41 2021
Response via : Initial Calibration

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

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

