

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066776.D
 Acq On : 27 Apr 2021 12:26
 Operator : JC/MD
 Sample : VSTDIC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC100

Manual Integrations
 APPROVED

MMDadoda
 4/28/2021 2:38:39 PM

Quant Time: Apr 27 12:47:15 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	7.591	168	331152	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.516	114	541402	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.348	117	494958	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.285	152	243770	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.953	65	447487	109.42	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 218.84%#			
35) Dibromofluoromethane	7.513	113	358319	105.84	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 211.68%#			
50) Toluene-d8	10.029	98	1393585	105.83	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 211.66%#			
62) 4-Bromofluorobenzene	12.343	95	507236	112.92	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 225.84%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.833	85	383477	103.15	ug/l	98
3) Chloromethane	2.034	50	474612	90.60	ug/l	99
4) Vinyl Chloride	2.163	62	491739	104.50	ug/l	98
5) Bromomethane	2.490	94	301824	111.78	ug/l	99
6) Chloroethane	2.645	64	287667	103.14	ug/l	100
7) Trichlorofluoromethane	2.965	101	579905	112.49	ug/l	99
8) Diethyl Ether	3.353	74	244647	112.02	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.691	101	341172	106.39	ug/l	100
10) Methyl Iodide	3.882	142	553005	109.89	ug/l	98
11) Tert butyl alcohol	4.708	59	349826	647.38	ug/l	99
12) 1,1-Dichloroethene	3.670	96	357256	110.15	ug/l	94
13) Acrolein	3.544	56	279586	494.95	ug/l	98
14) Allyl chloride	4.244	41	675930	109.43	ug/l	98
15) Acrylonitrile	4.893	53	1001901	570.17	ug/l	99
16) Acetone	3.750	43	802841	523.22	ug/l	96
17) Carbon Disulfide	3.981	76	1082212	104.66	ug/l	99
18) Methyl Acetate	4.246	43	445764	105.39	ug/l	97
19) Methyl tert-butyl Ether	4.955	73	1241058	116.69	ug/l	97
20) Methylene Chloride	4.469	84	423456	94.11	ug/l	96
21) trans-1,2-Dichloroethene	4.949	96	390568	109.98	ug/l	93
22) Diisopropyl ether	5.864	45	1382292	110.57	ug/l	97
23) Vinyl Acetate	5.805	43	5872930	578.88	ug/l	98
24) 1,1-Dichloroethane	5.756	63	739981	106.21	ug/l	98
25) 2-Butanone	6.746	43	1282346	584.75	ug/l	95
26) 2,2-Dichloropropane	6.733	77	618868	107.77	ug/l	98
27) cis-1,2-Dichloroethene	6.738	96	449361	109.18	ug/l	94
28) Bromochloromethane	7.111	49	351196	108.00	ug/l	89
29) Tetrahydrofuran	7.127	42	869228	576.01	ug/l	96
30) Chloroform	7.291	83	716645	109.39	ug/l	99
31) Cyclohexane	7.577	56	674017	102.31	ug/l	94
32) 1,1,1-Trichloroethane	7.492	97	615408	112.14	ug/l	98
36) 1,1-Dichloropropene	7.717	75	552220	109.89	ug/l	99
37) Ethyl Acetate	6.843	43	567059	106.63	ug/l	98
38) Carbon Tetrachloride	7.698	117	521941	108.85	ug/l	99
39) Methylcyclohexane	9.015	83	675764	113.42	ug/l	96
40) Benzene	7.966	78	1697147	105.51	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
 Data File : VN066776.D
 Acq On : 27 Apr 2021 12:26
 Operator : JC/MD
 Sample : VSTDICC100
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 4/28/2021 2:38:39 PM

Quant Time: Apr 27 12:47:15 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	235710	99.81	ug/l #	100
42) 1,2-Dichloroethane	8.050	62	572221	110.10	ug/l	99
43) Isopropyl Acetate	8.092	43	956147	112.90	ug/l #	89
44) Trichloroethene	8.768	130	417031	108.56	ug/l	99
45) 1,2-Dichloropropane	9.050	63	454254	104.13	ug/l	99
46) Dibromomethane	9.141	93	283191	110.41	ug/l	98
47) Bromodichloromethane	9.337	83	593298	109.96	ug/l	98
48) Methyl methacrylate	9.136	41	451815	121.60	ug/l	92
49) 1,4-Dioxane	9.136	88	136703	2910.26	ug/l	96
51) 4-Methyl-2-Pentanone	9.922	43	2746940	580.47	ug/l	98
52) Toluene	10.093	92	1037857	109.71	ug/l	99
53) t-1,3-Dichloropropene	10.321	75	668802	117.21	ug/l	98
54) cis-1,3-Dichloropropene	9.777	75	727764	112.37	ug/l	95
55) 1,1,2-Trichloroethane	10.501	97	402253	107.33	ug/l	98
56) Ethyl methacrylate	10.369	69	630469	129.87	ug/l	95
57) 1,3-Dichloropropane	10.646	76	688200	109.11	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.632	63	779364	920.90	ug/l	95
59) 2-Hexanone	10.691	43	1940822	703.87	ug/l	98
60) Dibromochloromethane	10.841	129	447803	111.99	ug/l	99
61) 1,2-Dibromoethane	10.946	107	418352	113.23	ug/l	100
64) Tetrachloroethene	10.571	164	342500	98.99	ug/l	99
65) Chlorobenzene	11.375	112	1081123	107.64	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.450	131	401176	109.74	ug/l	100
67) Ethyl Benzene	11.453	91	1983534	114.77	ug/l	99
68) m/p-Xylenes	11.563	106	1498384	232.94	ug/l	99
69) o-Xylene	11.890	106	726716	114.65	ug/l	99
70) Styrene	11.906	104	1222749	126.61	ug/l	99
71) Bromoform	12.070	173	331255	119.66	ug/l #	99
73) Isopropylbenzene	12.193	105	1911472	109.27	ug/l	100
74) N-amyl acetate	12.016	43	671064	158.88	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.448	83	605676	102.43	ug/l	99
76) 1,2,3-Trichloropropane	12.496	75	584550m	111.09	ug/l	
77) Bromobenzene	12.467	156	480427	106.96	ug/l	92
78) n-propylbenzene	12.534	91	2243375	115.45	ug/l	99
79) 2-Chlorotoluene	12.617	91	1329302	111.55	ug/l	99
80) 1,3,5-Trimethylbenzene	12.676	105	1649986	111.47	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.244	75	204607	135.28	ug/l	97
82) 4-Chlorotoluene	12.716	91	1375513	115.61	ug/l	98
83) tert-Butylbenzene	12.936	119	1374249	104.16	ug/l	99
84) 1,2,4-Trimethylbenzene	12.984	105	1620208	114.47	ug/l	98
85) sec-Butylbenzene	13.116	105	1880389	113.42	ug/l	100
86) p-Isopropyltoluene	13.231	119	1664750	120.44	ug/l	99
87) 1,3-Dichlorobenzene	13.226	146	839320	111.08	ug/l	99
88) 1,4-Dichlorobenzene	13.306	146	856744	105.95	ug/l	99
89) n-Butylbenzene	13.558	91	1459362	118.01	ug/l	100
90) Hexachloroethane	13.816	117	320185	104.26	ug/l	94
91) 1,2-Dichlorobenzene	13.596	146	808122	104.67	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.213	75	107258	100.96	ug/l	98
93) 1,2,4-Trichlorobenzene	14.851	180	489316	101.43	ug/l	99
94) Hexachlorobutadiene	14.948	225	238590	99.95	ug/l	99
95) Naphthalene	15.071	128	1253767	95.95	ug/l	100
96) 1,2,3-Trichlorobenzene	15.248	180	455450	96.03	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042721\
Data File : VN066776.D
Acq On : 27 Apr 2021 12:26
Operator : JC/MD
Sample : VSTDICC100
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC100

Manual Integrations
APPROVED

MMDadoda
4/28/2021 2:38:39 PM

Quant Time: Apr 27 12:47:15 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

