Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011823\
Data File : BM038477.D
Acq On : 18 Jan 2023 13:08
Operator : CG/JU
Sample : N3980-08
Misc : LOQ-WATER-5ppm
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 19 06:12:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 19 06:09:42 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
LOQ-WATER-02-QT3-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 01/19/2023
Supervised By :Jagrut Upadhyay 01/19/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.975	152	43766	20.000	ng		0.00
21) Naphthalene-d8	10.787	136	141940	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	84029	20.000	ng		0.00
64) Phenanthrene-d10	17.351	188	185062	20.000	ng		0.00
76) Chrysene-d12	21.521	240	193166	20.000	ng		0.00
86) Perylene-d12	23.944	264	245564	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	344465	120.058	ng		0.00
7) Phenol-d6	7.140	99	418238	113.796	ng		0.00
23) Nitrobenzene-d5	9.145	82	287746	82.600	ng		0.00
42) 2,4,6-Tribromophenol	16.098	330	160690	113.121	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	521579	77.409	ng		0.00
79) Terphenyl-d14	19.962	244	874895	84.789	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.381	88	7398	5.642	ng		97
3) Pyridine	3.816	79	15955m	4.206	ng		
4) n-Nitrosodimethylamine	3.716	42	12179	5.427	ng	#	94
6) Aniline	7.304	93	22104	4.761	ng		96
8) 2-Chlorophenol	7.534	128	14748	5.192	ng		90
9) Benzaldehyde	7.116	77	16127	6.562	ng		92
10) Phenol	7.163	94	19261	5.029	ng		83
11) bis(2-Chloroethyl)ether	7.398	93	15371	4.952	ng		92
12) 1,3-Dichlorobenzene	7.863	146	16698	5.487	ng		98
13) 1,4-Dichlorobenzene	8.010	146	16712m	5.459	ng		
14) 1,2-Dichlorobenzene	8.328	146	16396	5.477	ng		92
15) Benzyl Alcohol	8.228	79	13440	4.566	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.510	45	24008	5.548	ng		98
17) 2-Methylphenol	8.422	107	11028	4.263	ng		91
18) Hexachloroethane	9.051	117	6788	5.413	ng		90
19) n-Nitroso-di-n-propyla...	8.787	70	13167	4.935	ng	#	93
20) 3+4-Methylphenols	8.751	107	14608	4.206	ng		97
22) Acetophenone	8.810	105	21216	5.057	ng	#	93
24) Nitrobenzene	9.192	77	22099m	6.004	ng		
25) Isophorone	9.716	82	30634	4.965	ng		97
26) 2-Nitrophenol	9.904	139	5990	4.635	ng		96
27) 2,4-Dimethylphenol	9.957	122	10090	4.585	ng		95
28) bis(2-Chloroethoxy)met...	10.198	93	17694	5.099	ng		99
29) 2,4-Dichlorophenol	10.439	162	11797	4.853	ng		89
30) 1,2,4-Trichlorobenzene	10.651	180	14766	5.253	ng		95
31) Naphthalene	10.839	128	38899	5.171	ng		99
32) Benzoic acid	10.040	122	3911m	7.008	ng		
33) 4-Chloroaniline	10.963	127	14631	4.431	ng		98
34) Hexachlorobutadiene	11.110	225	10662	5.409	ng		99
35) Caprolactam	11.739	113	2040	2.969	ng	#	85
36) 4-Chloro-3-methylphenol	12.075	107	12092	4.562	ng		89
37) 2-Methylnaphthalene	12.439	142	24933	4.533	ng		97
38) 1-Methylnaphthalene	12.657	142	23501	4.551	ng		96
40) 1,2,4,5-Tetrachloroben...	12.804	216	14608	4.645	ng		95
41) Hexachlorocyclopentadiene	12.775	237	9046	5.059	ng		95
43) 2,4,6-Trichlorophenol	13.045	196	9950	5.005	ng		84

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	9898	4.223	ng	#	91
46) 1,1'-Biphenyl	13.445	154	32005	4.909	ng		96
47) 2-Chloronaphthalene	13.492	162	28112	5.479	ng		99
48) 2-Nitroaniline	13.704	65	8398	6.195	ng		98
49) Acenaphthylene	14.333	152	38482	4.757	ng		98
50) Dimethylphthalate	14.069	163	32220	4.731	ng	#	98
51) 2,6-Dinitrotoluene	14.192	165	5323	3.842	ng	#	81
52) Acenaphthene	14.674	154	23207	4.721	ng		99
53) 3-Nitroaniline	14.527	138	4764	5.601	ng	#	75
54) 2,4-Dinitrophenol	14.739	184	3020	7.960	ng	#	85
55) Dibenzofuran	15.010	168	41620	4.972	ng		99
56) 4-Nitrophenol	14.833	139	3912m	6.887	ng		
57) 2,4-Dinitrotoluene	14.980	165	7709	4.003	ng	#	90
58) Fluorene	15.657	166	31613	4.520	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.233	232	8571	4.124	ng	#	95
60) Diethylphthalate	15.422	149	32715	4.683	ng		95
61) 4-Chlorophenyl-phenyle...	15.645	204	17370	4.525	ng		98
62) 4-Nitroaniline	15.686	138	5269m	5.983	ng		
63) Azobenzene	15.939	77	36936	4.805	ng		98
65) 4,6-Dinitro-2-methylph...	15.745	198	4339	3.455	ng		90
66) n-Nitrosodiphenylamine	15.863	169	26124	4.811	ng		97
67) 4-Bromophenyl-phenylether	16.539	248	9958	4.652	ng		93
68) Hexachlorobenzene	16.651	284	12238	5.105	ng	#	90
69) Atrazine	16.810	200	8610	4.484	ng		99
70) Pentachlorophenol	17.004	266	6013	3.436	ng		97
71) Phenanthrene	17.392	178	50737	4.956	ng		97
72) Anthracene	17.486	178	48197	4.580	ng		97
73) Carbazole	17.757	167	41475	4.507	ng		99
74) Di-n-butylphthalate	18.310	149	49784	4.555	ng		98
75) Fluoranthene	19.404	202	57590	4.474	ng		97
77) Benzidine	19.598	184	20779	4.909	ng		97
78) Pyrene	19.768	202	61896	4.815	ng		100
80) Butylbenzylphthalate	20.651	149	21744	4.628	ng		89
81) Benzo(a)anthracene	21.509	228	69478	5.001	ng		98
82) 3,3'-Dichlorobenzidine	21.445	252	22490	5.027	ng		99
83) Chrysene	21.562	228	68695	5.088	ng		99
84) Bis(2-ethylhexyl)phtha...	21.421	149	31560	4.672	ng		96
85) Di-n-octyl phthalate	22.350	149	57540	4.841	ng	#	93
87) Indeno(1,2,3-cd)pyrene	26.462	276	86451	4.757	ng		98
88) Benzo(b)fluoranthene	23.197	252	73745	4.843	ng	#	97
89) Benzo(k)fluoranthene	23.250	252	74120	4.707	ng		98
90) Benzo(a)pyrene	23.833	252	66032	4.419	ng	#	98
91) Dibenzo(a,h)anthracene	26.474	278	73197	4.800	ng		97
92) Benzo(g,h,i)perylene	27.238	276	77318	5.110	ng		97

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

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