Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031822\
Data File : BP009459.D
Acq On : 18 Mar 2022 17:15
Operator : CG/JU
Sample : N1645-08
Misc : LOQ--WATER 10ppm
ALS Vial : 10 Sample Multiplier: 1

Quant Time: Mar 18 17:41:54 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 18 17:04:24 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
LOQ-WATER-02-QT1-2022

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/21/2022
Supervised By :Jagrut Upadhyay 03/22/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	236598	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	903170	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	593929	20.000	ng		0.00
64) Phenanthrene-d10	17.204	188	1299952	20.000	ng		0.00
76) Chrysene-d12	21.316	240	1441127	20.000	ng		0.00
86) Perylene-d12	23.727	264	1514045	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1748332	129.015	ng		0.00
7) Phenol-d6	6.993	99	2232937	121.843	ng		0.00
23) Nitrobenzene-d5	8.957	82	1398203	82.267	ng		0.00
42) 2,4,6-Tribromophenol	15.945	330	1239846	126.504	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	3489974	81.460	ng		0.00
79) Terphenyl-d14	19.786	244	6273592	78.136	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.334	88	52711	9.820	ng		99
3) Pyridine	3.734	79	125141	8.657	ng		96
4) n-Nitrosodimethylamine	3.640	42	48594	9.127	ng	#	95
6) Aniline	7.134	93	211291	10.116	ng		99
8) 2-Chlorophenol	7.369	128	143313	9.274	ng		98
9) Benzaldehyde	6.946	77	122834m	12.646	ng		
10) Phenol	7.016	94	168438	9.161	ng		92
11) bis(2-Chloroethyl)ether	7.228	93	134387	9.236	ng		96
12) 1,3-Dichlorobenzene	7.693	146	165992	9.518	ng		99
13) 1,4-Dichlorobenzene	7.834	146	168883	9.471	ng		97
14) 1,2-Dichlorobenzene	8.152	146	163484	9.485	ng		100
15) Benzyl Alcohol	8.057	79	140723m	9.631	ng		
16) 2,2'-oxybis(1-Chloropr...	8.340	45	151146	9.583	ng		95
17) 2-Methylphenol	8.263	107	111320	8.786	ng		97
18) Hexachloroethane	8.875	117	58355	9.338	ng		96
19) n-Nitroso-di-n-propyla...	8.610	70	104455	9.011	ng		97
20) 3+4-Methylphenols	8.599	107	145584	8.357	ng		92
22) Acetophenone	8.622	105	215529	9.642	ng	#	98
24) Nitrobenzene	8.999	77	158024	9.842	ng		97
25) Isophorone	9.528	82	292010	10.073	ng		98
26) 2-Nitrophenol	9.716	139	72155	8.622	ng		98
27) 2,4-Dimethylphenol	9.793	122	119816	10.146	ng		98
28) bis(2-Chloroethoxy)met...	10.016	93	170099	9.011	ng		96
29) 2,4-Dichlorophenol	10.281	162	120786	8.385	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	154429	9.254	ng		98
31) Naphthalene	10.646	128	450594	9.686	ng		99
32) Benzoic acid	9.928	122	75558m	8.184	ng		
33) 4-Chloroaniline	10.769	127	161611	8.513	ng		98
34) Hexachlorobutadiene	10.940	225	104087	9.205	ng		97
35) Caprolactam	11.545	113	43843	9.019	ng		95
36) 4-Chloro-3-methylphenol	11.910	107	139487	9.012	ng		95
37) 2-Methylnaphthalene	12.263	142	303986	9.313	ng		99
38) 1-Methylnaphthalene	12.481	142	297719	9.363	ng		99
40) 1,2,4,5-Tetrachloroben...	12.634	216	180648	9.167	ng		98
41) Hexachlorocyclopentadiene	12.616	237	61362	8.838	ng		99
43) 2,4,6-Trichlorophenol	12.887	196	108263	8.289	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.975	196	118940	8.386	ng		98
46)	1,1'-Biphenyl	13.275	154	430194	9.709	ng		99
47)	2-Chloronaphthalene	13.316	162	323432	9.272	ng		99
48)	2-Nitroaniline	13.528	65	80725	8.497	ng		95
49)	Acenaphthylene	14.163	152	542712	10.078	ng		100
50)	Dimethylphthalate	13.904	163	418708	9.304	ng		100
51)	2,6-Dinitrotoluene	14.022	165	88372	9.372	ng		92
52)	Acenaphthene	14.510	154	309451	9.620	ng		99
53)	3-Nitroaniline	14.363	138	87700	8.806	ng		94
54)	2,4-Dinitrophenol	14.581	184	42980	8.298	ng		96
55)	Dibenzofuran	14.845	168	512821	9.489	ng		98
56)	4-Nitrophenol	14.722	139	70684	9.521	ng		95
57)	2,4-Dinitrotoluene	14.816	165	119057	9.183	ng		99
58)	Fluorene	15.498	166	405574	9.542	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.086	232	112974	8.786	ng	#	93
60)	Diethylphthalate	15.275	149	418943	9.301	ng		99
61)	4-Chlorophenyl-phenyle...	15.492	204	215447	9.202	ng		97
62)	4-Nitroaniline	15.528	138	89699	8.576	ng		98
63)	Azobenzene	15.786	77	364684	9.307	ng		98
65)	4,6-Dinitro-2-methylph...	15.592	198	69159	8.274	ng		96
66)	n-Nitrosodiphenylamine	15.710	169	360875	9.381	ng		99
67)	4-Bromophenyl-phenylether	16.392	248	138988	8.737	ng		97
68)	Hexachlorobenzene	16.516	284	166362	9.087	ng		94
69)	Atrazine	16.675	200	135924	10.050	ng		97
70)	Pentachlorophenol	16.881	266	92703	9.473	ng		97
71)	Phenanthrene	17.251	178	670386	9.634	ng		99
72)	Anthracene	17.345	178	667109	9.710	ng		100
73)	Carbazole	17.622	167	608248	9.052	ng		98
74)	Di-n-butylphthalate	18.180	149	698574	8.872	ng		99
75)	Fluoranthene	19.233	202	820851	9.744	ng		98
77)	Benzidine	19.416	184	421451	11.931	ng		98
78)	Pyrene	19.586	202	863281	9.091	ng		99
80)	Butylbenzylphthalate	20.469	149	334662	8.291	ng		95
81)	Benzo(a)anthracene	21.304	228	886441	9.362	ng		99
82)	3,3'-Dichlorobenzidine	21.245	252	340554	9.311	ng		99
83)	Chrysene	21.357	228	839904	9.368	ng		98
84)	Bis(2-ethylhexyl)phtha...	21.239	149	489737	8.705	ng		99
85)	Di-n-octyl phthalate	22.163	149	824620	8.503	ng		98
87)	Indeno(1,2,3-cd)pyrene	26.227	276	1030061	8.967	ng		96
88)	Benzo(b)fluoranthene	22.992	252	890673	9.854	ng		98
89)	Benzo(k)fluoranthene	23.039	252	885362	10.005	ng		98
90)	Benzo(a)pyrene	23.621	252	868082	11.226	ng		97
91)	Dibenzo(a,h)anthracene	26.251	278	897074	9.371	ng		97
92)	Benzo(g,h,i)perylene	26.998	276	891116	9.462	ng		96

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

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