Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031622\
Data File : BP009420.D
Acq On : 16 Mar 2022 13:17
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 16 15:32:12 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 05 01:55:59 2022
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/17/2022
Supervised By :Jagrut Upadhyay 03/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	241213	20.000	ng		-0.01
21) Naphthalene-d8	10.604	136	995464	20.000	ng		-0.01
39) Acenaphthene-d10	14.451	164	673146	20.000	ng		-0.01
64) Phenanthrene-d10	17.216	188	1496828	20.000	ng		# 0.00
76) Chrysene-d12	21.327	240	1612375	20.000	ng		# 0.00
86) Perylene-d12	23.733	264	1756105	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	1225299	74.148	ng		0.00
7) Phenol-d6	7.005	99	1593937	75.902	ng		0.02
23) Nitrobenzene-d5	8.963	82	1499236	82.952	ng		-0.01
42) 2,4,6-Tribromophenol	15.951	330	985078	121.192	ng		0.00
45) 2-Fluorobiphenyl	13.075	172	3845166	78.555	ng		-0.01
79) Terphenyl-d14	19.792	244	7144741	83.622	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.340	88	238903	33.963	ng		96
3) Pyridine	3.734	79	542845	36.209	ng		99
4) n-Nitrosodimethylamine	3.646	42	234845	37.560	ng		99
6) Aniline	7.140	93	1010652	37.995	ng		98
8) 2-Chlorophenol	7.381	128	672259	39.715	ng		97
9) Benzaldehyde	6.952	77	480495	35.912	ng		96
10) Phenol	7.028	94	813246	37.398	ng		97
11) bis(2-Chloroethyl)ether	7.234	93	636001	37.792	ng		97
12) 1,3-Dichlorobenzene	7.699	146	744264	37.320	ng		98
13) 1,4-Dichlorobenzene	7.846	146	764699	37.792	ng		99
14) 1,2-Dichlorobenzene	8.157	146	734679	37.990	ng		99
15) Benzyl Alcohol	8.057	79	621874	41.991	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	714494	32.708	ng		95
17) 2-Methylphenol	8.269	107	563341	40.020	ng		99
18) Hexachloroethane	8.887	117	274020	38.910	ng		93
19) n-Nitroso-di-n-propyla...	8.616	70	530857	41.914	ng		96
20) 3+4-Methylphenols	8.599	107	771881	40.917	ng		99
22) Acetophenone	8.634	105	1056128	39.689	ng	#	98
24) Nitrobenzene	9.004	77	758998	39.626	ng		97
25) Isophorone	9.540	82	1434440	42.431	ng		98
26) 2-Nitrophenol	9.716	139	392084	52.841	ng		96
27) 2,4-Dimethylphenol	9.799	122	650339	39.849	ng		97
28) bis(2-Chloroethoxy)met...	10.016	93	874907	39.547	ng		98
29) 2,4-Dichlorophenol	10.269	162	682461	43.357	ng		98
30) 1,2,4-Trichlorobenzene	10.469	180	741848	40.268	ng		99
31) Naphthalene	10.651	128	2155415	39.099	ng		100
32) Benzoic acid	9.975	122	436908	52.711	ng		93
33) 4-Chloroaniline	10.769	127	933207	41.402	ng		98
34) Hexachlorobutadiene	10.946	225	500110	44.577	ng		98
35) Caprolactam	11.563	113	249155	53.777	ng		92
36) 4-Chloro-3-methylphenol	11.916	107	750996	45.707	ng		99
37) 2-Methylnaphthalene	12.269	142	1607483	41.041	ng		98
38) 1-Methylnaphthalene	12.487	142	1485351	41.177	ng		99
40) 1,2,4,5-Tetrachloroben...	12.640	216	925648	40.805	ng		98
41) Hexachlorocyclopentadiene	12.622	237	521798	36.318	ng		99
43) 2,4,6-Trichlorophenol	12.887	196	604389	44.373	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.969	196	660239	44.192	ng		97
46)	1,1'-Biphenyl	13.287	154	2104146	38.286	ng		99
47)	2-Chloronaphthalene	13.322	162	1611121	38.702	ng		99
48)	2-Nitroaniline	13.534	65	462184	48.287	ng		94
49)	Acenaphthylene	14.175	152	2615220	40.659	ng		100
50)	Dimethylphthalate	13.916	163	2154509	43.395	ng		99
51)	2,6-Dinitrotoluene	14.028	165	469439	47.880	ng		96
52)	Acenaphthene	14.516	154	1531600	37.154	ng		99
53)	3-Nitroaniline	14.363	138	491114	47.156	ng		98
54)	2,4-Dinitrophenol	14.575	184	231697	55.190	ng		93
55)	Dibenzofuran	14.851	168	2503202	40.086	ng		99
56)	4-Nitrophenol	14.704	139	386108	44.579	ng		97
57)	2,4-Dinitrotoluene	14.822	165	665921	53.045	ng		94
58)	Fluorene	15.504	166	2028649	41.485	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.087	232	615867	48.957	ng		92
60)	Diethylphthalate	15.281	149	2187786	45.259	ng		100
61)	4-Chlorophenyl-phenyle...	15.498	204	1097207	44.049	ng		98
62)	4-Nitroaniline	15.528	138	515415	51.034	ng		96
63)	Azobenzene	15.792	77	1877789	39.541	ng		97
65)	4,6-Dinitro-2-methylph...	15.592	198	366733	55.702	ng		92
66)	n-Nitrosodiphenylamine	15.716	169	1826355	38.870	ng		97
67)	4-Bromophenyl-phenylether	16.398	248	746859	46.248	ng		96
68)	Hexachlorobenzene	16.522	284	879087	46.411	ng		94
69)	Atrazine	16.681	200	768370	46.456	ng		99
70)	Pentachlorophenol	16.875	266	514595	45.138	ng		98
71)	Phenanthrene	17.257	178	3337446	38.797	ng		100
72)	Anthracene	17.345	178	3450444	40.298	ng		99
73)	Carbazole	17.628	167	3091951	39.630	ng		99
74)	Di-n-butylphthalate	18.180	149	3964341	45.909	ng		99
75)	Fluoranthene	19.233	202	4154101	41.838	ng		98
77)	Benzidine	19.416	184	2228546	39.599	ng		100
78)	Pyrene	19.586	202	4227625	38.834	ng		100
80)	Butylbenzylphthalate	20.474	149	1845545	46.968	ng		92
81)	Benzo(a)anthracene	21.310	228	4234198	38.744	ng		99
82)	3,3'-Dichlorobenzidine	21.245	252	1862591	46.429	ng	#	97
83)	Chrysene	21.363	228	4148560	39.098	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.245	149	2755377	43.844	ng	#	99
85)	Di-n-octyl phthalate	22.169	149	4817455	46.821	ng		97
87)	Indeno(1,2,3-cd)pyrene	26.251	276	5495356	40.277	ng	#	95
88)	Benzo(b)fluoranthene	23.004	252	4720235m	39.810	ng		
89)	Benzo(k)fluoranthene	23.051	252	4279132	37.776	ng	#	98
90)	Benzo(a)pyrene	23.627	252	4471279	39.760	ng	#	98
91)	Dibenzo(a,h)anthracene	26.268	278	4709866	40.710	ng	#	96
92)	Benzo(g,h,i)perylene	27.021	276	4578156	40.056	ng	#	94

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

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