Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM122722\
Data File : BM038320.D
Acq On : 27 Dec 2022 17:33
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 28 01:07:07 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 00:59:16 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.010	152	87270	20.000	ng		0.00
21) Naphthalene-d8	10.828	136	305516	20.000	ng		0.00
39) Acenaphthene-d10	14.645	164	185721	20.000	ng		0.00
64) Phenanthrene-d10	17.386	188	404588	20.000	ng		0.00
76) Chrysene-d12	21.562	240	423308	20.000	ng		0.00
86) Perylene-d12	23.997	264	460530	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	616001	133.298	ng		0.00
7) Phenol-d6	7.181	99	827939	124.522	ng		0.00
23) Nitrobenzene-d5	9.187	82	872658	148.434	ng		0.00
42) 2,4,6-Tribromophenol	16.133	330	351670	136.944	ng		0.00
45) 2-Fluorobiphenyl	13.274	172	1892599	141.626	ng		0.00
79) Terphenyl-d14	19.998	244	2782922	131.297	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.405	88	136181	71.304	ng		99
3) Pyridine	3.822	79	400853m	68.103	ng		
4) n-Nitrosodimethylamine	3.734	42	184635	68.661	ng		97
6) Aniline	7.340	93	524929	62.396	ng		99
8) 2-Chlorophenol	7.575	128	329049	52.798	ng		100
9) Benzaldehyde	7.151	77	273029m	74.734	ng		
10) Phenol	7.204	94	429014	56.649	ng		100
11) bis(2-Chloroethyl)ether	7.434	93	339628	55.392	ng		99
12) 1,3-Dichlorobenzene	7.898	146	355404	53.194	ng		99
13) 1,4-Dichlorobenzene	8.045	146	363046	52.575	ng		98
14) 1,2-Dichlorobenzene	8.369	146	354570	52.179	ng		99
15) Benzyl Alcohol	8.263	79	316057	61.551	ng		100
16) 2,2'-oxybis(1-Chloropr...	8.539	45	467612	52.392	ng		99
17) 2-Methylphenol	8.463	107	301121	56.021	ng		98
18) Hexachloroethane	9.092	117	142169	54.960	ng		98
19) n-Nitroso-di-n-propyla...	8.828	70	296424	56.459	ng		97
20) 3+4-Methylphenols	8.792	107	407067	53.953	ng		99
22) Acetophenone	8.845	105	534786	67.685	ng	#	98
24) Nitrobenzene	9.234	77	444931	73.368	ng		99
25) Isophorone	9.757	82	759435	70.018	ng		99
26) 2-Nitrophenol	9.939	139	182360	64.468	ng		99
27) 2,4-Dimethylphenol	9.998	122	294126	72.383	ng		96
28) bis(2-Chloroethoxy)met...	10.233	93	442069	70.672	ng		98
29) 2,4-Dichlorophenol	10.475	162	324225	66.373	ng		98
30) 1,2,4-Trichlorobenzene	10.686	180	365639	68.893	ng		100
31) Naphthalene	10.881	128	995277	57.500	ng		99
32) Benzoic acid	10.151	122	238003	65.264	ng		98
33) 4-Chloroaniline	10.992	127	430950	61.640	ng		98
34) Hexachlorobutadiene	11.151	225	239048	77.316	ng		97
35) Caprolactam	11.798	113	91246	53.291	ng		94
36) 4-Chloro-3-methylphenol	12.116	107	335816	63.312	ng		98
37) 2-Methylnaphthalene	12.480	142	721213	59.207	ng		99
38) 1-Methylnaphthalene	12.698	142	670994	55.416	ng		98
40) 1,2,4,5-Tetrachloroben...	12.845	216	437537	81.082	ng		99
41) Hexachlorocyclopentadiene	12.816	237	256543	111.050	ng		99
43) 2,4,6-Trichlorophenol	13.086	196	284638	72.747	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.157	196	328130	75.741	ng	97
46)	1,1'-Biphenyl	13.486	154	915487	63.656	ng	99
47)	2-Chloronaphthalene	13.527	162	729036	63.033	ng	100
48)	2-Nitroaniline	13.739	65	247994	69.620	ng	98
49)	Acenaphthylene	14.369	152	1127022	60.837	ng	100
50)	Dimethylphthalate	14.104	163	889903	59.866	ng	99
51)	2,6-Dinitrotoluene	14.233	165	191645	60.001	ng	97
52)	Acenaphthene	14.710	154	682908	60.392	ng	100
53)	3-Nitroaniline	14.563	138	201629	58.859	ng	98
54)	2,4-Dinitrophenol	14.769	184	137506	73.803	ng	97
55)	Dibenzofuran	15.045	168	1107515	61.249	ng	99
56)	4-Nitrophenol	14.868	139	166911	60.748	ng	96
57)	2,4-Dinitrotoluene	15.016	165	267310	60.454	ng	98
58)	Fluorene	15.692	166	944480	61.594	ng	99
59)	2,3,4,6-Tetrachlorophenol	15.268	232	273429	69.187	ng	99
60)	Diethylphthalate	15.457	149	869602	57.372	ng	99
61)	4-Chlorophenyl-phenyle...	15.680	204	491109	68.540	ng	99
62)	4-Nitroaniline	15.721	138	208614	65.757	ng	99
63)	Azobenzene	15.974	77	912140	64.307	ng	98
65)	4,6-Dinitro-2-methylph...	15.774	198	183928	67.424	ng	98
66)	n-Nitrosodiphenylamine	15.898	169	770404	59.355	ng	99
67)	4-Bromophenyl-phenylether	16.574	248	290044	64.050	ng	99
68)	Hexachlorobenzene	16.692	284	318077	56.297	ng	96
69)	Atrazine	16.845	200	262427	72.653	ng	97
70)	Pentachlorophenol	17.033	266	240902	72.422	ng	98
71)	Phenanthrene	17.427	178	1413343	56.906	ng	100
72)	Anthracene	17.521	178	1471874	61.801	ng	99
73)	Carbazole	17.792	167	1293852	58.104	ng	100
74)	Di-n-butylphthalate	18.339	149	1417572	47.832	ng	100
75)	Fluoranthene	19.439	202	1769064	59.758	ng	100
77)	Benzidine	19.621	184	786244	132.768	ng	99
78)	Pyrene	19.803	202	1882342	67.806	ng	100
80)	Butylbenzylphthalate	20.686	149	668988	56.054	ng	98
81)	Benzo(a)anthracene	21.545	228	1896438	63.911	ng	99
82)	3,3'-Dichlorobenzidine	21.474	252	634946	65.858	ng	99
83)	Chrysene	21.597	228	1837676	64.147	ng	100
84)	Bis(2-ethylhexyl)phtha...	21.450	149	902128	51.307	ng	99
85)	Di-n-octyl phthalate	22.386	149	1596017	52.893	ng	99
87)	Indeno(1,2,3-cd)pyrene	26.556	276	2158611	56.752	ng	99
88)	Benzo(b)fluoranthene	23.256	252	1836224	59.464	ng	99
89)	Benzo(k)fluoranthene	23.303	252	1826835	58.330	ng	100
90)	Benzo(a)pyrene	23.891	252	1784508	69.351	ng	98
91)	Dibenzo(a,h)anthracene	26.568	278	1790086	56.817	ng	99
92)	Benzo(g,h,i)perylene	27.344	276	1770082	58.064	ng	99

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

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