Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035289.D
Acq On : 27 May 2022 14:58
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: May 27 16:12:39 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 15:26:20 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	104678	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	373337	20.000	ng	#	0.00
39) Acenaphthene-d10	14.516	164	230011	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	455981	20.000	ng	#	0.00
76) Chrysene-d12	21.439	240	457825	20.000	ng	#	0.00
86) Perylene-d12	23.809	264	474670	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	654517	120.844	ng		0.00
7) Phenol-d6	7.057	99	838760	111.540	ng		0.00
23) Nitrobenzene-d5	9.040	82	783602	120.993	ng		0.00
42) 2,4,6-Tribromophenol	16.004	330	425114	113.022	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	2136433	131.971	ng		0.00
79) Terphenyl-d14	19.886	244	2907612	124.372	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.358	88	115552	59.396	ng		89
3) Pyridine	3.758	79	316798m	56.926	ng		
4) n-Nitrosodimethylamine	3.669	42	138626	54.205	ng	#	78
6) Aniline	7.204	93	438844	53.673	ng		97
8) 2-Chlorophenol	7.446	128	375964	57.939	ng		89
9) Benzaldehyde	7.016	77	182617	43.990	ng		90
10) Phenol	7.081	94	402783	55.241	ng		96
11) bis(2-Chloroethyl)ether	7.304	93	309749	54.719	ng		91
12) 1,3-Dichlorobenzene	7.763	146	439199	59.890	ng		96
13) 1,4-Dichlorobenzene	7.910	146	448576	59.075	ng		98
14) 1,2-Dichlorobenzene	8.228	146	431752	57.366	ng		98
15) Benzyl Alcohol	8.122	79	298771	52.795	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.416	45	340625	48.039	ng		89
17) 2-Methylphenol	8.328	107	289229	54.065	ng		96
18) Hexachloroethane	8.957	117	146926	57.245	ng	#	83
19) n-Nitroso-di-n-propyla...	8.693	70	236592	48.606	ng	#	88
20) 3+4-Methylphenols	8.657	107	397779	52.866	ng		95
22) Acetophenone	8.704	105	529461	60.429	ng	#	92
24) Nitrobenzene	9.081	77	356405	60.321	ng		93
25) Isophorone	9.616	82	589092	55.186	ng	#	94
26) 2-Nitrophenol	9.792	139	212694	63.671	ng		89
27) 2,4-Dimethylphenol	9.857	122	279446	60.509	ng		98
28) bis(2-Chloroethoxy)met...	10.092	93	404940	57.584	ng		99
29) 2,4-Dichlorophenol	10.334	162	371953	61.347	ng		96
30) 1,2,4-Trichlorobenzene	10.539	180	448627	64.402	ng		97
31) Naphthalene	10.728	128	1114482	60.712	ng		99
32) Benzoic acid	10.045	122	251965	56.029	ng		93
33) 4-Chloroaniline	10.839	127	441986	56.784	ng		96
34) Hexachlorobutadiene	11.016	225	302648	65.579	ng		99
35) Caprolactam	11.645	113	93466	48.104	ng	#	73
36) 4-Chloro-3-methylphenol	11.975	107	339237	53.880	ng		97
37) 2-Methylnaphthalene	12.339	142	787172	57.116	ng		97
38) 1-Methylnaphthalene	12.557	142	758869	55.905	ng		99
40) 1,2,4,5-Tetrachloroben...	12.710	216	511779	69.990	ng	#	96
41) Hexachlorocyclopentadiene	12.692	237	281362	77.036	ng		96
43) 2,4,6-Trichlorophenol	12.951	196	326253	66.550	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.028	196	344861	64.751	ng	#	91
46)	1,1'-Biphenyl	13.351	154	1060554	64.633	ng		98
47)	2-Chloronaphthalene	13.392	162	832803	65.403	ng		99
48)	2-Nitroaniline	13.598	65	188976	57.873	ng	#	82
49)	Acenaphthylene	14.239	152	1211973	61.522	ng		99
50)	Dimethylphthalate	13.980	163	982849	56.546	ng	#	98
51)	2,6-Dinitrotoluene	14.092	165	212710	58.291	ng	#	80
52)	Acenaphthene	14.580	154	739756	61.840	ng		99
53)	3-Nitroaniline	14.422	138	202211	55.831	ng		92
54)	2,4-Dinitrophenol	14.633	184	143124	55.656	ng	#	77
55)	Dibenzofuran	14.916	168	1239548	60.056	ng		93
56)	4-Nitrophenol	14.739	139	159845	51.829	ng	#	84
57)	2,4-Dinitrotoluene	14.880	165	282120	54.824	ng		86
58)	Fluorene	15.563	166	954835	57.462	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.145	232	303295	58.565	ng	#	82
60)	Diethylphthalate	15.339	149	933557	52.996	ng		97
61)	4-Chlorophenyl-phenyle...	15.557	204	542501	58.776	ng		91
62)	4-Nitroaniline	15.586	138	205044	52.906	ng		92
63)	Azobenzene	15.851	77	722732	53.806	ng		89
65)	4,6-Dinitro-2-methylph...	15.651	198	200659	63.072	ng		79
66)	n-Nitrosodiphenylamine	15.774	169	824126	65.163	ng		99
67)	4-Bromophenyl-phenylether	16.451	248	349622	66.420	ng	#	87
68)	Hexachlorobenzene	16.568	284	392362	65.947	ng	#	85
69)	Atrazine	16.727	200	273669	57.129	ng		96
70)	Pentachlorophenol	16.916	266	235136	63.667	ng		99
71)	Phenanthrene	17.304	178	1439984	61.204	ng		99
72)	Anthracene	17.392	178	1431522	61.763	ng		99
73)	Carbazole	17.663	167	1317757	58.726	ng		97
74)	Di-n-butylphthalate	18.233	149	1469860	55.739	ng		99
75)	Fluoranthene	19.315	202	1656066	56.326	ng		97
78)	Pyrene	19.680	202	1709768	63.724	ng		99
80)	Butylbenzylphthalate	20.580	149	637973	58.564	ng	#	85
81)	Benzo(a)anthracene	21.427	228	1725478	60.419	ng		98
82)	3,3'-Dichlorobenzidine	21.356	252	423840	59.323	ng	#	98
83)	Chrysene	21.480	228	1652493	60.623	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.356	149	910442	55.554	ng	#	95
85)	Di-n-octyl phthalate	22.274	149	1541466	55.109	ng	#	92
87)	Indeno(1,2,3-cd)pyrene	26.268	276	2152634	68.574	ng	#	94
88)	Benzo(b)fluoranthene	23.092	252	1710846	60.685	ng		98
89)	Benzo(k)fluoranthene	23.139	252	1705496m	60.796	ng		
90)	Benzo(a)pyrene	23.703	252	1447427	61.857	ng	#	98
91)	Dibenzo(a,h)anthracene	26.280	278	1794036	68.266	ng	#	96
92)	Benzo(g,h,i)perylene	27.021	276	1754078	69.430	ng	#	93

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

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