Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035290.D
Acq On : 27 May 2022 15:35
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: May 27 16:13:22 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 :
SSTDICC080

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	151580	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	543607	20.000	ng		0.00
39) Acenaphthene-d10	14.516	164	334739	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	632823	20.000	ng		0.00
76) Chrysene-d12	21.445	240	587019	20.000	ng	#	0.00
86) Perylene-d12	23.809	264	587701	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1284753	163.809	ng		0.00
7) Phenol-d6	7.057	99	1619068	148.686	ng		0.00
23) Nitrobenzene-d5	9.045	82	1603970	170.089	ng		0.01
42) 2,4,6-Tribromophenol	16.010	330	650471	118.831	ng		0.00
45) 2-Fluorobiphenyl	13.145	172	3893296	165.253	ng		0.00
79) Terphenyl-d14	19.886	244	4887149	163.038	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.357	88	242744	86.167	ng		96
3) Pyridine	3.763	79	663702m	82.360	ng		
4) n-Nitrosodimethylamine	3.669	42	336594	90.889	ng		93
6) Aniline	7.210	93	865790	73.126	ng		99
8) 2-Chlorophenol	7.445	128	699392	74.432	ng		95
9) Benzaldehyde	7.016	77	359972	59.881	ng		96
10) Phenol	7.087	94	790381	74.858	ng		99
11) bis(2-Chloroethyl)ether	7.304	93	616288	75.185	ng		97
12) 1,3-Dichlorobenzene	7.769	146	802783	75.598	ng		97
13) 1,4-Dichlorobenzene	7.910	146	812237	73.869	ng		100
14) 1,2-Dichlorobenzene	8.234	146	791589	72.633	ng		99
15) Benzyl Alcohol	8.128	79	603258	73.616	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.416	45	838501	81.664	ng		95
17) 2-Methylphenol	8.328	107	549518	70.936	ng		100
18) Hexachloroethane	8.957	117	289645	77.932	ng		91
19) n-Nitroso-di-n-propyla...	8.698	70	495307	70.271	ng		94
20) 3+4-Methylphenols	8.663	107	754606	69.257	ng		99
22) Acetophenone	8.704	105	1018254	79.814	ng		97
24) Nitrobenzene	9.086	77	726158	84.406	ng		98
25) Isophorone	9.616	82	1198038	77.078	ng		98
26) 2-Nitrophenol	9.792	139	396851	81.588	ng		96
27) 2,4-Dimethylphenol	9.863	122	526254	78.259	ng		98
28) bis(2-Chloroethoxy)met...	10.092	93	801941	78.320	ng		99
29) 2,4-Dichlorophenol	10.333	162	675205	76.481	ng		99
30) 1,2,4-Trichlorobenzene	10.545	180	790151	77.900	ng		99
31) Naphthalene	10.728	128	2098308	78.503	ng		99
32) Benzoic acid	10.063	122	485767	74.185	ng		99
33) 4-Chloroaniline	10.839	127	836026	73.765	ng		98
34) Hexachlorobutadiene	11.016	225	542592	80.745	ng		97
35) Caprolactam	11.657	113	180811	63.910	ng		89
36) 4-Chloro-3-methylphenol	11.975	107	659623	71.950	ng		99
37) 2-Methylnaphthalene	12.339	142	1482688	73.884	ng		99
38) 1-Methylnaphthalene	12.563	142	1436225	72.664	ng		99
40) 1,2,4,5-Tetrachloroben...	12.710	216	916304	86.106	ng	#	97
41) Hexachlorocyclopentadiene	12.692	237	511089	96.153	ng		100
43) 2,4,6-Trichlorophenol	12.951	196	595245	83.432	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	13.027	196	622560	80.320	ng		94
46)	1,1'-Biphenyl	13.351	154	1984963	83.122	ng		99
47)	2-Chloronaphthalene	13.392	162	1543792	83.308	ng		100
48)	2-Nitroaniline	13.598	65	397509	83.649	ng		93
49)	Acenaphthylene	14.239	152	2273398	79.297	ng		100
50)	Dimethylphthalate	13.980	163	1848401	73.072	ng		99
51)	2,6-Dinitrotoluene	14.098	165	395356	74.446	ng	#	83
52)	Acenaphthene	14.580	154	1365373	78.428	ng		99
53)	3-Nitroaniline	14.427	138	389914	73.975	ng		94
54)	2,4-Dinitrophenol	14.633	184	271336	72.502	ng	#	84
55)	Dibenzofuran	14.916	168	2255573	75.092	ng		97
56)	4-Nitrophenol	14.739	139	314507	70.072	ng		91
57)	2,4-Dinitrotoluene	14.886	165	525624	70.186	ng	#	88
58)	Fluorene	15.563	166	1745874	72.195	ng		99
59)	2,3,4,6-Tetrachlorophenol	15.145	232	518034	68.734	ng	#	89
60)	Diethylphthalate	15.345	149	1764693	68.835	ng		98
61)	4-Chlorophenyl-phenyle...	15.557	204	959734	71.449	ng		94
62)	4-Nitroaniline	15.592	138	391746	69.455	ng		98
63)	Azobenzene	15.851	77	1543277	78.948	ng		96
65)	4,6-Dinitro-2-methylph...	15.651	198	347878	78.789	ng		93
66)	n-Nitrosodiphenylamine	15.774	169	1486790	84.708	ng		99
67)	4-Bromophenyl-phenylether	16.451	248	588376	80.541	ng		91
68)	Hexachlorobenzene	16.574	284	630580	76.368	ng	#	88
69)	Atrazine	16.727	200	464507	69.869	ng		97
70)	Pentachlorophenol	16.915	266	384899	75.094	ng		98
71)	Phenanthrene	17.304	178	2566734	78.609	ng		100
72)	Anthracene	17.392	178	2533161	78.751	ng		100
73)	Carbazole	17.662	167	2377554	76.346	ng		98
74)	Di-n-butylphthalate	18.233	149	2756928	75.330	ng		99
75)	Fluoranthene	19.315	202	2866005	70.238	ng		98
78)	Pyrene	19.680	202	2956415	85.936	ng		100
80)	Butylbenzylphthalate	20.580	149	1220803	87.402	ng		91
81)	Benzo(a)anthracene	21.427	228	2942309	80.353	ng		100
82)	3,3'-Dichlorobenzidine	21.356	252	714321	77.976	ng		99
83)	Chrysene	21.480	228	2791805	79.878	ng		100
84)	Bis(2-ethylhexyl)phtha...	21.362	149	1754062	83.474	ng	#	96
85)	Di-n-octyl phthalate	22.274	149	2975367	82.962	ng		96
87)	Indeno(1,2,3-cd)pyrene	26.274	276	3077589	79.184	ng		97
88)	Benzo(b)fluoranthene	23.091	252	2805233	80.366	ng		99
89)	Benzo(k)fluoranthene	23.144	252	2845222	81.917	ng		98
90)	Benzo(a)pyrene	23.709	252	2429209	83.848	ng		98
91)	Dibenzo(a,h)anthracene	26.285	278	2535602	77.927	ng		99
92)	Benzo(g,h,i)perylene	27.026	276	2683879	85.801	ng		96

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

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