Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071922\
Data File : BM035861.D
Acq On : 19 Jul 2022 10:38
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jul 19 13:10:48 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 18 17:08:15 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/20/2022
Supervised By :Jagrut Upadhyay 07/20/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	289796	20.000	ng		0.00
21) Naphthalene-d8	10.704	136	1162034	20.000	ng		0.00
39) Acenaphthene-d10	14.533	164	647409	20.000	ng		0.00
64) Phenanthrene-d10	17.268	188	1223890	20.000	ng		0.00
76) Chrysene-d12	21.445	240	1085094	20.000	ng		0.00
86) Perylene-d12	23.821	264	1053808	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	1489515	79.683	ng		0.00
7) Phenol-d6	7.063	99	1926315	81.950	ng		0.00
23) Nitrobenzene-d5	9.069	82	1793225	82.535	ng		0.00
42) 2,4,6-Tribromophenol	16.016	330	598756	82.683	ng		0.00
45) 2-Fluorobiphenyl	13.163	172	3790727	82.764	ng		0.00
79) Terphenyl-d14	19.892	244	4723617	84.698	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	299265	38.732	ng	#	93
3) Pyridine	3.722	79	830695	40.454	ng		89
4) n-Nitrosodimethylamine	3.640	42	341713	39.819	ng	#	64
6) Aniline	7.222	93	1077312	41.734	ng		95
8) 2-Chlorophenol	7.457	128	789242	40.859	ng		98
9) Benzaldehyde	7.034	77	477378	36.149	ng		95
10) Phenol	7.093	94	965329	40.777	ng		90
11) bis(2-Chloroethyl)ether	7.328	93	773288	40.484	ng		96
12) 1,3-Dichlorobenzene	7.787	146	859327	39.885	ng		98
13) 1,4-Dichlorobenzene	7.934	146	882074	40.209	ng		99
14) 1,2-Dichlorobenzene	8.251	146	855348	40.314	ng		99
15) Benzyl Alcohol	8.140	79	641707	41.432	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.440	45	1013786	40.766	ng		97
17) 2-Methylphenol	8.345	107	634098	41.258	ng		95
18) Hexachloroethane	8.981	117	317514	40.233	ng		95
19) n-Nitroso-di-n-propyla...	8.716	70	574602	42.164	ng	#	88
20) 3+4-Methylphenols	8.675	107	861344	41.466	ng		96
22) Acetophenone	8.728	105	1176791	40.976	ng	#	92
24) Nitrobenzene	9.110	77	833042	40.821	ng		96
25) Isophorone	9.634	82	1412519	41.559	ng		99
26) 2-Nitrophenol	9.816	139	375170	40.813	ng		95
27) 2,4-Dimethylphenol	9.881	122	602532	41.552	ng		98
28) bis(2-Chloroethoxy)met...	10.122	93	974616	41.198	ng		100
29) 2,4-Dichlorophenol	10.351	162	664252	41.316	ng		99
30) 1,2,4-Trichlorobenzene	10.569	180	751185	40.485	ng		98
31) Naphthalene	10.757	128	2410677	40.830	ng		100
32) Benzoic acid	10.010	122	447349	40.791	ng		92
33) 4-Chloroaniline	10.869	127	988509	41.851	ng		96
34) Hexachlorobutadiene	11.039	225	430288	40.407	ng		98
35) Caprolactam	11.651	113	204356	41.562	ng		91
36) 4-Chloro-3-methylphenol	11.992	107	687849	41.723	ng		99
37) 2-Methylnaphthalene	12.363	142	1588307	41.353	ng		97
38) 1-Methylnaphthalene	12.586	142	1546502	41.366	ng		100
40) 1,2,4,5-Tetrachloroben...	12.727	216	760988	41.142	ng		98
41) Hexachlorocyclopentadiene	12.710	237	402848	40.408	ng		99
43) 2,4,6-Trichlorophenol	12.969	196	507904	41.542	ng		98

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	13.039	196	537698	41.710	ng	98
46)	1,1'-Biphenyl	13.375	154	2035626	41.333	ng	99
47)	2-Chloronaphthalene	13.416	162	1556667	41.123	ng	99
48)	2-Nitroaniline	13.622	65	436081	41.807	ng	93
49)	Acenaphthylene	14.257	152	2432880	41.740	ng	99
50)	Dimethylphthalate	13.998	163	1761057	41.326	ng	100
51)	2,6-Dinitrotoluene	14.116	165	370962	41.631	ng	92
52)	Acenaphthene	14.598	154	1435520	41.114	ng	99
53)	3-Nitroaniline	14.439	138	452629	42.190	ng	97
54)	2,4-Dinitrophenol	14.645	184	173528	39.521	ng	88
55)	Dibenzofuran	14.933	168	2323523	41.535	ng	97
56)	4-Nitrophenol	14.745	139	350990	41.697	ng	84
57)	2,4-Dinitrotoluene	14.892	165	495268	42.471	ng	95
58)	Fluorene	15.574	166	1809274	41.192	ng	98
59)	2,3,4,6-Tetrachlorophenol	15.151	232	432013	41.691	ng	97
60)	Diethylphthalate	15.357	149	1713017	40.569	ng	100
61)	4-Chlorophenyl-phenyle...	15.574	204	882045	41.274	ng	96
62)	4-Nitroaniline	15.598	138	464047	42.243	ng	92
63)	Azobenzene	15.868	77	1800075	41.518	ng	93
65)	4,6-Dinitro-2-methylph...	15.651	198	245591	39.960	ng	95
66)	n-Nitrosodiphenylamine	15.786	169	1504524	41.864	ng	100
67)	4-Bromophenyl-phenylether	16.468	248	511353	41.562	ng	94
68)	Hexachlorobenzene	16.574	284	592996	41.520	ng	91
69)	Atrazine	16.739	200	406927	43.090	ng	97
70)	Pentachlorophenol	16.915	266	328822	41.490	ng	100
71)	Phenanthrene	17.315	178	2656136	41.255	ng	99
72)	Anthracene	17.404	178	2593666	41.444	ng	99
73)	Carbazole	17.674	167	2613793	41.174	ng	98
74)	Di-n-butylphthalate	18.245	149	2603859	40.286	ng	99
75)	Fluoranthene	19.327	202	2833962	40.496	ng	99
77)	Benzidine	19.515	184	854409	44.848	ng	99
78)	Pyrene	19.686	202	2945462	41.515	ng	98
80)	Butylbenzylphthalate	20.592	149	1001396	39.539	ng	100
81)	Benzo(a)anthracene	21.433	228	2796823	40.717	ng	99
82)	3,3'-Dichlorobenzidine	21.368	252	641978	39.900	ng	100
83)	Chrysene	21.486	228	2702900	41.237	ng	99
84)	Bis(2-ethylhexyl)phtha...	21.368	149	1408902	39.467	ng	100
85)	Di-n-octyl phthalate	22.292	149	2190707	38.682	ng	97
87)	Indeno(1,2,3-cd)pyrene	26.297	276	3158884	41.026	ng	99
88)	Benzo(b)fluoranthene	23.097	252	2577777	41.094	ng	98
89)	Benzo(k)fluoranthene	23.144	252	2704913m	41.668	ng	
90)	Benzo(a)pyrene	23.715	252	2200518	41.213	ng	99
91)	Dibenzo(a,h)anthracene	26.321	278	2612703	40.834	ng	99
92)	Benzo(g,h,i)perylene	27.056	276	2603147	41.255	ng	98

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

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