Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102023\
Data File : BF135910.D
Acq On : 20 Oct 2023 16:07
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Oct 20 16:44:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 17 01:22:00 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/21/2023
Supervised By :mohammad ahmed 10/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.733	152	73265	20.000	ng		-0.01
21) Naphthalene-d8	8.016	136	269469	20.000	ng		0.00
39) Acenaphthene-d10	9.769	164	132706	20.000	ng		-0.02
64) Phenanthrene-d10	11.268	188	263180	20.000	ng		-0.01
76) Chrysene-d12	13.933	240	140062	20.000	ng		-0.02
86) Perylene-d12	15.409	264	155426	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.363	112	367276	80.596	ng		-0.01
7) Phenol-d6	6.392	99	447832	78.762	ng		0.00
23) Nitrobenzene-d5	7.310	82	416307	84.969	ng		0.00
42) 2,4,6-Tribromophenol	10.569	330	110702	86.933	ng		-0.02
45) 2-Fluorobiphenyl	9.092	172	734024	86.481	ng		-0.01
79) Terphenyl-d14	12.862	244	788811	104.297	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.404	88	114326	52.013	ng		98
3) Pyridine	3.151	79	201376	37.340	ng		99
4) n-Nitrosodimethylamine	3.128	42	118368	40.813	ng		97
6) Aniline	6.404	93	280906	39.258	ng	#	77
8) 2-Chlorophenol	6.528	128	195401	39.763	ng		97
9) Benzaldehyde	6.298	77	123002	38.008	ng		98
10) Phenol	6.404	94	243272	40.833	ng		92
11) bis(2-Chloroethyl)ether	6.475	93	184168	38.365	ng		99
12) 1,3-Dichlorobenzene	6.675	146	195003	39.142	ng		98
13) 1,4-Dichlorobenzene	6.751	146	200246	39.678	ng		100
14) 1,2-Dichlorobenzene	6.904	146	183083	40.290	ng		97
15) Benzyl Alcohol	6.892	79	157869	41.758	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.010	45	308500	35.533	ng		69
17) 2-Methylphenol	7.004	107	165160	38.824	ng		96
18) Hexachloroethane	7.233	117	73047	39.919	ng		94
19) n-Nitroso-di-n-propyla...	7.157	70	135185	38.453	ng		95
20) 3+4-Methylphenols	7.163	107	215368	40.610	ng		95
22) Acetophenone	7.151	105	260441	42.142	ng		97
24) Nitrobenzene	7.328	77	208425	42.386	ng		95
25) Isophorone	7.563	82	364817	39.468	ng		97
26) 2-Nitrophenol	7.639	139	100656	41.945	ng		99
27) 2,4-Dimethylphenol	7.680	122	170169	43.076	ng		99
28) bis(2-Chloroethoxy)met...	7.769	93	221162	40.177	ng		99
29) 2,4-Dichlorophenol	7.886	162	154322	41.685	ng		99
30) 1,2,4-Trichlorobenzene	7.957	180	158297	41.806	ng		97
31) Naphthalene	8.033	128	547576	41.661	ng		100
32) Benzoic acid	7.828	122	87068m	32.560	ng		
33) 4-Chloroaniline	8.098	127	237577	41.379	ng		98
34) Hexachlorobutadiene	8.145	225	94338	42.092	ng		98
35) Caprolactam	8.486	113	51671	40.828	ng	#	81
36) 4-Chloro-3-methylphenol	8.592	107	171680	41.817	ng		98
37) 2-Methylnaphthalene	8.727	142	357679	41.304	ng		100
38) 1-Methylnaphthalene	8.827	142	332601	41.642	ng		98
40) 1,2,4,5-Tetrachloroben...	8.898	216	167879	43.978	ng		98
41) Hexachlorocyclopentadiene	8.869	237	9640	30.191	ng		98
43) 2,4,6-Trichlorophenol	9.022	196	101945	41.442	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.069	196	112611	39.359	ng		97
46)	1,1'-Biphenyl	9.192	154	435510	42.842	ng		99
47)	2-Chloronaphthalene	9.222	162	318358	43.454	ng		97
48)	2-Nitroaniline	9.333	65	129279	44.705	ng		98
49)	Acenaphthylene	9.633	152	519427	42.843	ng		99
50)	Dimethylphthalate	9.498	163	375739	41.942	ng		99
51)	2,6-Dinitrotoluene	9.574	165	83732	43.464	ng		98
52)	Acenaphthene	9.804	154	313375	43.123	ng		99
53)	3-Nitroaniline	9.751	138	103385	43.777	ng		96
54)	2,4-Dinitrophenol	9.880	184	40078	49.838	ng		95
55)	Dibenzofuran	9.980	168	480587	43.830	ng		97
56)	4-Nitrophenol	9.945	139	27990	29.584	ng		96
57)	2,4-Dinitrotoluene	9.992	165	114717	46.806	ng		95
58)	Fluorene	10.327	166	380480	44.324	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.110	232	88194	40.789	ng		96
60)	Diethylphthalate	10.198	149	397008	43.409	ng		99
61)	4-Chlorophenyl-phenyle...	10.316	204	179913	43.365	ng		94
62)	4-Nitroaniline	10.369	138	97717	44.972	ng		97
63)	Azobenzene	10.474	77	380118	42.779	ng		98
65)	4,6-Dinitro-2-methylph...	10.410	198	45508	34.359	ng		87
66)	n-Nitrosodiphenylamine	10.439	169	335376	41.809	ng		99
67)	4-Bromophenyl-phenylether	10.804	248	111554	42.225	ng		97
68)	Hexachlorobenzene	10.874	284	116653	43.370	ng		96
69)	Atrazine	10.974	200	89027	40.803	ng		98
70)	Pentachlorophenol	11.092	266	30071	28.346	ng		89
71)	Phenanthrene	11.292	178	539952	42.828	ng		99
72)	Anthracene	11.345	178	553165	42.341	ng		100
73)	Carbazole	11.510	167	519348	42.624	ng		100
74)	Di-n-butylphthalate	11.833	149	602852	40.299	ng		99
75)	Fluoranthene	12.492	202	568589	40.634	ng		99
77)	Benzidine	12.621	184	102773	33.627	ng		100
78)	Pyrene	12.721	202	559494	50.269	ng		100
80)	Butylbenzylphthalate	13.339	149	222341	45.460	ng		100
81)	Benzo(a)anthracene	13.921	228	394862	42.921	ng		99
82)	3,3'-Dichlorobenzidine	13.886	252	119582	39.193	ng	#	98
83)	Chrysene	13.962	228	367701	41.265	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.898	149	282262	42.581	ng		97
85)	Di-n-octyl phthalate	14.515	149	387622	36.876	ng		98
87)	Indeno(1,2,3-cd)pyrene	16.909	276	405089	47.833	ng		98
88)	Benzo(b)fluoranthene	14.980	252	326635	37.550	ng		97
89)	Benzo(k)fluoranthene	15.009	252	330424	39.126	ng		98
90)	Benzo(a)pyrene	15.351	252	325941	39.848	ng		98
91)	Dibenzo(a,h)anthracene	16.909	278	333235	47.999	ng		99
92)	Benzo(g,h,i)perylene	17.362	276	327586	45.936	ng		98

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

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