Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123124\
Data File : BF141056.D
Acq On : 31 Dec 2024 14:18
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Dec 31 14:40:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 27 00:31:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.828	152	249528	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	962272	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	499397	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	814502	20.000	ng	0.00
76) Chrysene-d12	13.986	240	443018	20.000	ng	0.00
86) Perylene-d12	15.451	264	526376	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1270031	76.722	ng	0.00
7) Phenol-d6	6.451	99	1593100	74.706	ng	0.00
23) Nitrobenzene-d5	7.393	82	1427928	94.938	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	423622	87.297	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	2410223	76.894	ng	0.00
79) Terphenyl-d14	12.933	244	2173730	81.499	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.546	88	281801	37.601	ng	98
3) Pyridine	3.293	79	716772	39.135	ng	99
4) n-Nitrosodimethylamine	3.240	42	348144	37.516	ng	98
6) Aniline	6.493	93	747294	39.293	ng	99
8) 2-Chlorophenol	6.610	128	679197	38.916	ng	99
9) Benzaldehyde	6.381	77	472114	46.666	ng	97
10) Phenol	6.469	94	861726	39.080	ng	99
11) bis(2-Chloroethyl)ether	6.569	93	652516	36.649	ng	97
12) 1,3-Dichlorobenzene	6.769	146	746418	38.753	ng	99
13) 1,4-Dichlorobenzene	6.845	146	757478	39.011	ng	99
14) 1,2-Dichlorobenzene	6.998	146	698342	38.575	ng	99
15) Benzyl Alcohol	6.969	79	583022	38.046	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	974481	36.192	ng	99
17) 2-Methylphenol	7.075	107	546615	37.699	ng	100
18) Hexachloroethane	7.345	117	275573	39.952	ng	98
19) n-Nitroso-di-n-propyla...	7.240	70	465418	35.625	ng	99
20) 3+4-Methylphenols	7.228	107	683962	37.276	ng	99
22) Acetophenone	7.240	105	870975	36.896	ng	99
24) Nitrobenzene	7.410	77	744121	44.276	ng	97
25) Isophorone	7.651	82	1220258	37.283	ng	99
26) 2-Nitrophenol	7.728	139	347425	50.173	ng	98
27) 2,4-Dimethylphenol	7.757	122	458171	38.304	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	787156	37.959	ng	99
29) 2,4-Dichlorophenol	7.963	162	546273	40.267	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	608983	39.661	ng	100
31) Naphthalene	8.134	128	1942200	38.303	ng	99
32) Benzoic acid	7.863	122	479571	48.603	ng	97
33) 4-Chloroaniline	8.181	127	681942	37.176	ng	99
34) Hexachlorobutadiene	8.251	225	364036	40.216	ng	99
35) Caprolactam	8.545	113	173106m	37.534	ng	
36) 4-Chloro-3-methylphenol	8.651	107	578910	38.425	ng	99
37) 2-Methylnaphthalene	8.822	142	1238999	38.195	ng	100
38) 1-Methylnaphthalene	8.922	142	1209371	37.935	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	565798	41.182	ng	99
41) Hexachlorocyclopentadiene	8.975	237	216112	47.466	ng	98
43) 2,4,6-Trichlorophenol	9.092	196	395207	43.220	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	392351	41.935	ng		97
46) 1,1'-Biphenyl	9.287	154	1507181	39.415	ng		100
47) 2-Chloronaphthalene	9.310	162	1180472	39.805	ng		98
48) 2-Nitroaniline	9.404	65	358698	46.405	ng		93
49) Acenaphthylene	9.722	152	1670081	39.119	ng		99
50) Dimethylphthalate	9.586	163	1261720	38.410	ng		100
51) 2,6-Dinitrotoluene	9.645	165	300908	45.153	ng		95
52) Acenaphthene	9.898	154	1170619	40.559	ng		99
53) 3-Nitroaniline	9.810	138	313010	43.308	ng	#	92
54) 2,4-Dinitrophenol	9.916	184	147869	62.472	ng	#	1
55) Dibenzofuran	10.069	168	1566244	38.614	ng		98
56) 4-Nitrophenol	9.963	139	247878	44.114	ng		94
57) 2,4-Dinitrotoluene	10.045	165	392109	47.848	ng		94
58) Fluorene	10.410	166	1199483	38.136	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	323996	41.813	ng		97
60) Diethylphthalate	10.286	149	1221862	37.678	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	588670	38.896	ng		97
62) 4-Nitroaniline	10.422	138	296073	41.190	ng		93
63) Azobenzene	10.563	77	1242068	36.490	ng		98
65) 4,6-Dinitro-2-methylph...	10.451	198	198270	58.512	ng		98
66) n-Nitrosodiphenylamine	10.522	169	1037613	40.455	ng		99
67) 4-Bromophenyl-phenylether	10.892	248	376460	42.756	ng		98
68) Hexachlorobenzene	10.957	284	405210	41.736	ng		100
69) Atrazine	11.045	200	221886	30.966	ng		100
70) Pentachlorophenol	11.145	266	272964	45.157	ng		99
71) Phenanthrene	11.375	178	1673884	39.047	ng		99
72) Anthracene	11.422	178	1643512	39.126	ng		99
73) Carbazole	11.575	167	1476517	36.565	ng		100
74) Di-n-butylphthalate	11.910	149	1697159	36.952	ng		100
75) Fluoranthene	12.557	202	1609109	34.610	ng		99
77) Benzidine	12.680	184	458201	48.939	ng		100
78) Pyrene	12.786	202	1594512	41.154	ng		100
80) Butylbenzylphthalate	13.410	149	547942	38.729	ng		99
81) Benzo(a)anthracene	13.974	228	1141986	36.987	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	414921	44.728	ng		100
83) Chrysene	14.016	228	1126963	40.489	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	675459	36.806	ng		99
85) Di-n-octyl phthalate	14.592	149	1109654	41.777	ng		98
87) Indeno(1,2,3-cd)pyrene	16.910	276	1547781	46.672	ng		97
88) Benzo(b)fluoranthene	15.027	252	1181314	32.178	ng		99
89) Benzo(k)fluoranthene	15.057	252	1136896	39.512	ng		99
90) Benzo(a)pyrene	15.392	252	1083487	38.024	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	1241441	46.181	ng		99
92) Benzo(g,h,i)perylene	17.351	276	1323696	47.475	ng		98

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

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