Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
Data File : BF139280.D
Acq On : 09 Sep 2024 12:03
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Sep 10 02:21:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 16:11:43 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	131801	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	481311	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	263474	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	481648	20.000	ng	0.00
76) Chrysene-d12	14.051	240	227329	20.000	ng	0.00
86) Perylene-d12	15.527	264	234256	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	593208	75.292	ng	0.00
7) Phenol-d6	6.516	99	785740	74.704	ng	0.00
23) Nitrobenzene-d5	7.451	82	719392	77.756	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	183819	80.795	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1282409	75.134	ng	0.00
79) Terphenyl-d14	12.998	244	1122101	79.696	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	128174	34.934	ng	99
3) Pyridine	3.422	79	317095	35.804	ng	99
4) n-Nitrosodimethylamine	3.387	42	209862	36.490	ng	100
6) Aniline	6.551	93	361148	37.339	ng	99
8) 2-Chlorophenol	6.675	128	317184	38.845	ng	97
9) Benzaldehyde	6.440	77	216245	33.965	ng	99
10) Phenol	6.534	94	416655	37.556	ng	99
11) bis(2-Chloroethyl)ether	6.628	93	306404	38.550	ng	100
12) 1,3-Dichlorobenzene	6.828	146	348841	37.744	ng	98
13) 1,4-Dichlorobenzene	6.910	146	353226	38.184	ng	99
14) 1,2-Dichlorobenzene	7.063	146	329936	38.242	ng	99
15) Benzyl Alcohol	7.028	79	299226	39.010	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	563841	37.265	ng	98
17) 2-Methylphenol	7.140	107	252746	37.894	ng	98
18) Hexachloroethane	7.404	117	128981	39.039	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	231076	38.146	ng	99
20) 3+4-Methylphenols	7.292	107	320534	38.131	ng	98
22) Acetophenone	7.298	105	434990	37.936	ng	99
24) Nitrobenzene	7.475	77	373797	38.065	ng	100
25) Isophorone	7.710	82	611422	38.654	ng	100
26) 2-Nitrophenol	7.787	139	158843	41.184	ng	99
27) 2,4-Dimethylphenol	7.822	122	215144	39.113	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	365140	38.746	ng	99
29) 2,4-Dichlorophenol	8.028	162	257202	39.052	ng	100
30) 1,2,4-Trichlorobenzene	8.110	180	292738	38.918	ng	99
31) Naphthalene	8.198	128	927095	38.036	ng	100
32) Benzoic acid	7.934	122	209225	41.759	ng	98
33) 4-Chloroaniline	8.239	127	319477	37.854	ng	99
34) Hexachlorobutadiene	8.310	225	188042	39.452	ng	98
35) Caprolactam	8.616	113	81309	39.878	ng	98
36) 4-Chloro-3-methylphenol	8.722	107	281582	39.234	ng	98
37) 2-Methylnaphthalene	8.886	142	581767	38.149	ng	100
38) 1-Methylnaphthalene	8.986	142	566471	37.770	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	285889	38.352	ng	99
41) Hexachlorocyclopentadiene	9.039	237	96784	40.400	ng	98
43) 2,4,6-Trichlorophenol	9.163	196	192002	39.366	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	197487	38.640	ng	98
46) 1,1'-Biphenyl	9.351	154	735158	37.660	ng	99
47) 2-Chloronaphthalene	9.375	162	558559	37.894	ng	99
48) 2-Nitroaniline	9.469	65	203591	40.100	ng	98
49) Acenaphthylene	9.792	152	851979	38.376	ng	100
50) Dimethylphthalate	9.651	163	625668	39.180	ng	99
51) 2,6-Dinitrotoluene	9.710	165	145368	40.126	ng	99
52) Acenaphthene	9.963	154	569521	38.678	ng	99
53) 3-Nitroaniline	9.881	138	150192	38.911	ng	99
54) 2,4-Dinitrophenol	9.981	184	68463	40.202	ng	98
55) Dibenzofuran	10.133	168	813380	38.529	ng	100
56) 4-Nitrophenol	10.033	139	113354	39.788	ng	97
57) 2,4-Dinitrotoluene	10.110	165	189058	41.001	ng	99
58) Fluorene	10.475	166	626427	38.272	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	160229	39.826	ng	99
60) Diethylphthalate	10.351	149	633926	40.338	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	301339	38.176	ng	99
62) 4-Nitroaniline	10.492	138	150876	41.064	ng	99
63) Azobenzene	10.628	77	649564	39.217	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	92037	41.356	ng	91
66) n-Nitrosodiphenylamine	10.586	169	533875	38.079	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	183997	39.373	ng	99
68) Hexachlorobenzene	11.022	284	205436	38.402	ng	100
69) Atrazine	11.110	200	116938	36.152	ng	99
70) Pentachlorophenol	11.216	266	132193	42.778	ng	99
71) Phenanthrene	11.439	178	851485	37.843	ng	100
72) Anthracene	11.492	178	844256	38.410	ng	100
73) Carbazole	11.645	167	798953	38.891	ng	100
74) Di-n-butylphthalate	11.975	149	894109	42.507	ng	100
75) Fluoranthene	12.627	202	891613	39.526	ng	99
77) Benzidine	12.751	184	227273	49.652	ng	99
78) Pyrene	12.857	202	875973	39.889	ng	100
80) Butylbenzylphthalate	13.474	149	250882	48.530	ng	98
81) Benzo(a)anthracene	14.039	228	582438	40.124	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	162421	42.132	ng	99
83) Chrysene	14.080	228	508536	37.536	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	272792	44.958	ng	100
85) Di-n-octyl phthalate	14.645	149	484869	41.738	ng	100
87) Indeno(1,2,3-cd)pyrene	17.009	276	568500	38.847	ng	98
88) Benzo(b)fluoranthene	15.092	252	525585	38.959	ng	99
89) Benzo(k)fluoranthene	15.127	252	475078	39.275	ng	99
90) Benzo(a)pyrene	15.463	252	455879	39.796	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	467199	38.739	ng	99
92) Benzo(g,h,i)perylene	17.462	276	482892	38.791	ng	99

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

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