Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010625\
Data File : BF141071.D
Acq On : 06 Jan 2025 13:02
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 06 13:32:53 2025
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	236467	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	917478	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	489138	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	797257	20.000	ng	0.00
76) Chrysene-d12	13.986	240	473103	20.000	ng	0.00
86) Perylene-d12	15.445	264	492512	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1156742	73.737	ng	0.00
7) Phenol-d6	6.451	99	1484604	73.464	ng	0.00
23) Nitrobenzene-d5	7.393	82	1260497	87.897	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	394566	83.014	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	2314977	75.404	ng	0.00
79) Terphenyl-d14	12.933	244	2289436	80.379	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.546	88	271516	38.230	ng	98
3) Pyridine	3.287	79	680884	39.229	ng	97
4) n-Nitrosodimethylamine	3.234	42	320220	36.413	ng	100
6) Aniline	6.487	93	687730	38.158	ng	99
8) 2-Chlorophenol	6.610	128	615562	37.218	ng	98
9) Benzaldehyde	6.375	77	393955	39.845	ng	98
10) Phenol	6.463	94	801901	38.375	ng	99
11) bis(2-Chloroethyl)ether	6.563	93	605343	35.878	ng	98
12) 1,3-Dichlorobenzene	6.769	146	710557	38.928	ng	99
13) 1,4-Dichlorobenzene	6.845	146	715636	38.892	ng	99
14) 1,2-Dichlorobenzene	6.998	146	663072	38.649	ng	99
15) Benzyl Alcohol	6.963	79	531148	36.575	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	901230	35.320	ng	98
17) 2-Methylphenol	7.075	107	507104	36.906	ng	100
18) Hexachloroethane	7.340	117	247873	37.921	ng	98
19) n-Nitroso-di-n-propyla...	7.240	70	438773	35.441	ng	99
20) 3+4-Methylphenols	7.228	107	639691	36.789	ng	94
22) Acetophenone	7.240	105	831298	36.935	ng	98
24) Nitrobenzene	7.410	77	675859	42.178	ng	98
25) Isophorone	7.645	82	1153438	36.962	ng	99
26) 2-Nitrophenol	7.722	139	243108	38.233	ng	97
27) 2,4-Dimethylphenol	7.757	122	422220	37.021	ng	99
28) bis(2-Chloroethoxy)met...	7.857	93	734379	37.143	ng	100
29) 2,4-Dichlorophenol	7.963	162	504646	39.015	ng	99
30) 1,2,4-Trichlorobenzene	8.051	180	579045	39.552	ng	99
31) Naphthalene	8.134	128	1861311	38.500	ng	99
32) Benzoic acid	7.857	122	298836	34.430	ng	97
33) 4-Chloroaniline	8.175	127	642740	36.749	ng	100
34) Hexachlorobutadiene	8.251	225	346708	40.171	ng	99
35) Caprolactam	8.539	113	161168	36.652	ng	98
36) 4-Chloro-3-methylphenol	8.651	107	540821	37.649	ng	98
37) 2-Methylnaphthalene	8.822	142	1172632	37.914	ng	99
38) 1-Methylnaphthalene	8.916	142	1153335	37.944	ng	99
40) 1,2,4,5-Tetrachloroben...	8.987	216	529391	39.340	ng	99
41) Hexachlorocyclopentadiene	8.975	237	174160	39.054	ng	100
43) 2,4,6-Trichlorophenol	9.092	196	335768	37.490	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	375623	40.989	ng		99
46) 1,1'-Biphenyl	9.287	154	1435259	38.322	ng		99
47) 2-Chloronaphthalene	9.310	162	1119355	38.535	ng		99
48) 2-Nitroaniline	9.398	65	310871	41.595	ng		95
49) Acenaphthylene	9.722	152	1595145	38.148	ng		100
50) Dimethylphthalate	9.581	163	1226274	38.114	ng		100
51) 2,6-Dinitrotoluene	9.645	165	274042	42.241	ng		96
52) Acenaphthene	9.892	154	1092516	38.647	ng		99
53) 3-Nitroaniline	9.810	138	291469	41.334	ng	#	95
54) 2,4-Dinitrophenol	9.910	184	92153	45.677	ng	#	29
55) Dibenzofuran	10.069	168	1528485	38.474	ng		98
56) 4-Nitrophenol	9.957	139	221868	40.313	ng		96
57) 2,4-Dinitrotoluene	10.045	165	351099	44.129	ng		97
58) Fluorene	10.410	166	1157404	37.570	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	301053	39.667	ng		99
60) Diethylphthalate	10.281	149	1203325	37.884	ng		100
61) 4-Chlorophenyl-phenyle...	10.404	204	572197	38.600	ng		96
62) 4-Nitroaniline	10.422	138	290454	41.251	ng		93
63) Azobenzene	10.563	77	1224407	36.726	ng		98
65) 4,6-Dinitro-2-methylph...	10.451	198	141536	45.202	ng		93
66) n-Nitrosodiphenylamine	10.522	169	1026058	40.870	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	369485	42.871	ng		97
68) Hexachlorobenzene	10.957	284	399706	42.060	ng		98
69) Atrazine	11.045	200	242045	34.510	ng		99
70) Pentachlorophenol	11.145	266	246067	41.588	ng		99
71) Phenanthrene	11.369	178	1666849	39.724	ng		100
72) Anthracene	11.422	178	1634178	39.746	ng		100
73) Carbazole	11.575	167	1517719	38.398	ng		99
74) Di-n-butylphthalate	11.910	149	1717600	38.206	ng		100
75) Fluoranthene	12.557	202	1667637	36.644	ng		99
77) Benzidine	12.680	184	382722	38.278	ng		99
78) Pyrene	12.786	202	1673661	40.449	ng		99
80) Butylbenzylphthalate	13.410	149	530107	35.086	ng		99
81) Benzo(a)anthracene	13.974	228	1185456	35.953	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	394136	39.786	ng		99
83) Chrysene	14.010	228	1142842	38.449	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	658694	33.610	ng		100
85) Di-n-octyl phthalate	14.592	149	1038942	36.627	ng		98
87) Indeno(1,2,3-cd)pyrene	16.904	276	1448059	46.667	ng		98
88) Benzo(b)fluoranthene	15.027	252	1183987	34.469	ng		99
89) Benzo(k)fluoranthene	15.057	252	1064677	39.546	ng		99
90) Benzo(a)pyrene	15.386	252	1037439	38.911	ng		99
91) Dibenzo(a,h)anthracene	16.927	278	1188987	47.271	ng		98
92) Benzo(g,h,i)perylene	17.345	276	1239189	47.500	ng		99

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

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