Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010325\
Data File : BF141063.D
Acq On : 03 Jan 2025 11:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 03 11:51:37 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	266108	20.000	ng	0.00
21) Naphthalene-d8	8.110	136	1045081	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	554811	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	925945	20.000	ng	0.00
76) Chrysene-d12	13.986	240	573595	20.000	ng	0.00
86) Perylene-d12	15.457	264	516250	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	1315875	74.538	ng	0.00
7) Phenol-d6	6.451	99	1676612	73.724	ng	0.00
23) Nitrobenzene-d5	7.393	82	1475090	90.302	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	476427	88.372	ng	0.00
45) 2-Fluorobiphenyl	9.187	172	2562450	73.585	ng	0.00
79) Terphenyl-d14	12.933	244	2798910	81.050	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	300463	37.594	ng	98
3) Pyridine	3.293	79	766242	39.230	ng	99
4) n-Nitrosodimethylamine	3.246	42	361128	36.490	ng	98
6) Aniline	6.493	93	806897	39.783	ng	99
8) 2-Chlorophenol	6.610	128	709197	38.103	ng	99
9) Benzaldehyde	6.375	77	496746	45.902	ng	99
10) Phenol	6.463	94	912247	38.793	ng	98
11) bis(2-Chloroethyl)ether	6.563	93	686096	36.134	ng	98
12) 1,3-Dichlorobenzene	6.769	146	790234	38.471	ng	99
13) 1,4-Dichlorobenzene	6.846	146	794623	38.375	ng	100
14) 1,2-Dichlorobenzene	6.998	146	736661	38.156	ng	99
15) Benzyl Alcohol	6.969	79	612349	37.470	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.104	45	1021692	35.581	ng	99
17) 2-Methylphenol	7.075	107	583731	37.751	ng	99
18) Hexachloroethane	7.340	117	290410	39.480	ng	97
19) n-Nitroso-di-n-propyla...	7.240	70	496573	35.642	ng	99
20) 3+4-Methylphenols	7.228	107	725224	37.062	ng	97
22) Acetophenone	7.240	105	934124	36.436	ng	99
24) Nitrobenzene	7.410	77	781761	42.830	ng	97
25) Isophorone	7.651	82	1316880	37.047	ng	100
26) 2-Nitrophenol	7.728	139	338775	45.589	ng	98
27) 2,4-Dimethylphenol	7.757	122	493034	37.952	ng	100
28) bis(2-Chloroethoxy)met...	7.857	93	830899	36.894	ng	100
29) 2,4-Dichlorophenol	7.963	162	581549	39.471	ng	100
30) 1,2,4-Trichlorobenzene	8.051	180	644482	38.647	ng	100
31) Naphthalene	8.134	128	2068162	37.556	ng	100
32) Benzoic acid	7.869	122	470814	44.674	ng	97
33) 4-Chloroaniline	8.175	127	742305	37.260	ng	100
34) Hexachlorobutadiene	8.251	225	392567	39.931	ng	99
35) Caprolactam	8.545	113	194146	38.761	ng	95
36) 4-Chloro-3-methylphenol	8.651	107	624923	38.192	ng	100
37) 2-Methylnaphthalene	8.822	142	1322706	37.545	ng	100
38) 1-Methylnaphthalene	8.922	142	1305003	37.691	ng	100
40) 1,2,4,5-Tetrachloroben...	8.987	216	602948	39.503	ng	99
41) Hexachlorocyclopentadiene	8.975	237	210078	41.532	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	404438	39.812	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	443578	42.675	ng		99
46) 1,1'-Biphenyl	9.287	154	1607613	37.843	ng		100
47) 2-Chloronaphthalene	9.310	162	1260053	38.244	ng		99
48) 2-Nitroaniline	9.398	65	378169	44.274	ng		95
49) Acenaphthylene	9.722	152	1818715	38.346	ng		100
50) Dimethylphthalate	9.586	163	1401105	38.393	ng		100
51) 2,6-Dinitrotoluene	9.645	165	325503	44.061	ng		96
52) Acenaphthene	9.898	154	1249869	38.980	ng		100
53) 3-Nitroaniline	9.810	138	348354	43.378	ng	#	95
54) 2,4-Dinitrophenol	9.916	184	138778	55.614	ng	#	1
55) Dibenzofuran	10.069	168	1712631	38.006	ng		98
56) 4-Nitrophenol	9.963	139	277017	44.376	ng		94
57) 2,4-Dinitrotoluene	10.045	165	428230	47.113	ng		95
58) Fluorene	10.410	166	1313133	37.579	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	365685	42.479	ng		96
60) Diethylphthalate	10.286	149	1383347	38.397	ng		99
61) 4-Chlorophenyl-phenyle...	10.404	204	648074	38.544	ng		97
62) 4-Nitroaniline	10.422	138	348905	43.489	ng		94
63) Azobenzene	10.563	77	1388147	36.708	ng		99
65) 4,6-Dinitro-2-methylph...	10.451	198	203864	53.815	ng		96
66) n-Nitrosodiphenylamine	10.522	169	1164311	39.931	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	424390	42.398	ng		97
68) Hexachlorobenzene	10.957	284	459490	41.631	ng		99
69) Atrazine	11.045	200	294146	36.110	ng		100
70) Pentachlorophenol	11.145	266	312201	45.432	ng		99
71) Phenanthrene	11.375	178	1914516	39.286	ng		100
72) Anthracene	11.422	178	1875617	39.278	ng		100
73) Carbazole	11.575	167	1766156	38.474	ng		100
74) Di-n-butylphthalate	11.910	149	2061650	39.485	ng		100
75) Fluoranthene	12.557	202	1998158	37.805	ng		99
77) Benzidine	12.680	184	697199	57.513	ng		100
78) Pyrene	12.786	202	2029811	40.462	ng		100
80) Butylbenzylphthalate	13.410	149	738554	40.318	ng		99
81) Benzo(a)anthracene	13.974	228	1470399	36.782	ng		99
82) 3,3'-Dichlorobenzidine	13.939	252	483164	40.228	ng		99
83) Chrysene	14.016	228	1327991	36.851	ng		99
84) Bis(2-ethylhexyl)phtha...	13.974	149	873513	36.762	ng		100
85) Di-n-octyl phthalate	14.598	149	1287808	37.447	ng		98
87) Indeno(1,2,3-cd)pyrene	16.910	276	1421604	43.708	ng		98
88) Benzo(b)fluoranthene	15.033	252	1275456	35.424	ng		99
89) Benzo(k)fluoranthene	15.063	252	1173037	41.568	ng		99
90) Benzo(a)pyrene	15.392	252	1094208	39.154	ng		99
91) Dibenzo(a,h)anthracene	16.933	278	1162266	44.084	ng		99
92) Benzo(g,h,i)perylene	17.351	276	1167140	42.681	ng		99

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

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