Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
Data File : BF141177.D
Acq On : 15 Jan 2025 17:10
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Jan 15 17:35:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	155483	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	596867	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	306781	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	475484	20.000	ng		0.00
76) Chrysene-d12	13.986	240	274637	20.000	ng		0.00
86) Perylene-d12	15.457	264	314579	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	762731	75.781	ng		0.00
7) Phenol-d6	6.451	99	945090	74.129	ng		0.00
23) Nitrobenzene-d5	7.387	82	869674	77.237	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	273830	78.336	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1567171	78.008	ng		0.00
79) Terphenyl-d14	12.933	244	1356978	73.438	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.528	88	158233	35.304	ng		99
3) Pyridine	3.269	79	392798	35.738	ng		98
4) n-Nitrosodimethylamine	3.216	42	193619	36.028	ng		99
6) Aniline	6.487	93	397866	35.149	ng		99
8) 2-Chlorophenol	6.604	128	412894	38.237	ng		99
9) Benzaldehyde	6.375	77	279148	37.175	ng		97
10) Phenol	6.463	94	503433	36.888	ng		99
11) bis(2-Chloroethyl)ether	6.557	93	384104	37.765	ng		98
12) 1,3-Dichlorobenzene	6.763	146	463888	38.517	ng		99
13) 1,4-Dichlorobenzene	6.840	146	463443	38.186	ng		99
14) 1,2-Dichlorobenzene	6.993	146	433703	38.310	ng		98
15) Benzyl Alcohol	6.963	79	353797	38.426	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	515552	36.324	ng		98
17) 2-Methylphenol	7.075	107	328264	37.654	ng		100
18) Hexachloroethane	7.334	117	170928	38.946	ng		99
19) n-Nitroso-di-n-propyla...	7.234	70	278516	37.085	ng		99
20) 3+4-Methylphenols	7.228	107	411727	37.434	ng	#	85
22) Acetophenone	7.234	105	533290	37.585	ng		98
24) Nitrobenzene	7.404	77	448135	38.187	ng		100
25) Isophorone	7.645	82	723242	37.586	ng		99
26) 2-Nitrophenol	7.722	139	216906	40.633	ng		97
27) 2,4-Dimethylphenol	7.757	122	271568	37.716	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	457717	37.902	ng		100
29) 2,4-Dichlorophenol	7.963	162	333142	38.956	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	381430	39.022	ng		100
31) Naphthalene	8.128	128	1198220	38.067	ng		100
32) Benzoic acid	7.863	122	280944	40.674	ng		98
33) 4-Chloroaniline	8.175	127	373182	34.282	ng		99
34) Hexachlorobutadiene	8.245	225	237661	40.351	ng		99
35) Caprolactam	8.545	113	101897	36.395	ng		98
36) 4-Chloro-3-methylphenol	8.651	107	353744	37.823	ng		98
37) 2-Methylnaphthalene	8.816	142	766427	38.211	ng		100
38) 1-Methylnaphthalene	8.916	142	740167	37.443	ng		99
40) 1,2,4,5-Tetrachloroben...	8.987	216	355979	40.428	ng		99
41) Hexachlorocyclopentadiene	8.969	237	127706	44.331	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	240779	40.545	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	238958	38.100	ng	99
46) 1,1'-Biphenyl	9.281	154	928568	38.975	ng	100
47) 2-Chloronaphthalene	9.310	162	718713	38.731	ng	99
48) 2-Nitroaniline	9.398	65	209535	38.092	ng	97
49) Acenaphthylene	9.722	152	1008177	38.028	ng	100
50) Dimethylphthalate	9.586	163	788370	38.279	ng	99
51) 2,6-Dinitrotoluene	9.645	165	184885	38.603	ng	98
52) Acenaphthene	9.898	154	719005	38.818	ng	99
53) 3-Nitroaniline	9.810	138	184415	37.891	ng	99
54) 2,4-Dinitrophenol	9.916	184	94494	41.509	ng	88
55) Dibenzofuran	10.069	168	952828	37.820	ng	100
56) 4-Nitrophenol	9.963	139	142248	37.319	ng	96
57) 2,4-Dinitrotoluene	10.045	165	239012	38.724	ng	99
58) Fluorene	10.410	166	736330	37.619	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	193373	37.093	ng	97
60) Diethylphthalate	10.281	149	762235	37.910	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	368642	38.643	ng	99
62) 4-Nitroaniline	10.422	138	174083	36.544	ng	98
63) Azobenzene	10.563	77	730307	36.811	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	124375	45.140	ng	100
66) n-Nitrosodiphenylamine	10.522	169	627905	40.942	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	230138	42.040	ng	99
68) Hexachlorobenzene	10.957	284	252658	41.461	ng	99
69) Atrazine	11.045	200	133894	32.424	ng	99
70) Pentachlorophenol	11.145	266	162667	41.683	ng	98
71) Phenanthrene	11.369	178	1009123	39.531	ng	99
72) Anthracene	11.422	178	986753	39.754	ng	100
73) Carbazole	11.575	167	884138	38.847	ng	100
74) Di-n-butylphthalate	11.910	149	1049973	40.312	ng	100
75) Fluoranthene	12.557	202	955547	37.511	ng	99
77) Benzidine	12.680	184	250742	49.233	ng	99
78) Pyrene	12.786	202	942221	35.920	ng	100
80) Butylbenzylphthalate	13.410	149	330866	37.832	ng	97
81) Benzo(a)anthracene	13.974	228	703511	37.640	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	239857	40.302	ng	99
83) Chrysene	14.016	228	626608	35.829	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	412028	39.265	ng	100
85) Di-n-octyl phthalate	14.598	149	677367	42.747	ng	99
87) Indeno(1,2,3-cd)pyrene	16.921	276	941894	40.868	ng	98
88) Benzo(b)fluoranthene	15.033	252	713140	35.156	ng	99
89) Benzo(k)fluoranthene	15.063	252	671197	39.154	ng	100
90) Benzo(a)pyrene	15.398	252	639515	38.211	ng	99
91) Dibenzo(a,h)anthracene	16.939	278	768910	41.249	ng	97
92) Benzo(g,h,i)perylene	17.357	276	802295	41.379	ng	99

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

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