Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
Data File : BF141824.D
Acq On : 04 Mar 2025 13:46
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 04 14:43:44 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 28 01:48:16 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/05/2025
Supervised By :Jagrut Upadhyay 03/05/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	319426	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	1215091	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	645310	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	1061915	20.000	ng		0.00
76) Chrysene-d12	14.045	240	709212	20.000	ng		0.00
86) Perylene-d12	15.509	264	560512	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	1559690	77.978	ng		0.00
7) Phenol-d6	6.510	99	2033152	78.096	ng		0.00
23) Nitrobenzene-d5	7.451	82	1634260	85.971	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	496406	81.938	ng		0.00
45) 2-Fluorobiphenyl	9.245	172	3140877	78.044	ng		0.00
79) Terphenyl-d14	12.992	244	3274522	74.701	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	361809	39.865	ng		99
3) Pyridine	3.469	79	907853	40.204	ng		100
4) n-Nitrosodimethylamine	3.416	42	447171	41.156	ng		96
6) Aniline	6.551	93	1079364	39.879	ng		99
8) 2-Chlorophenol	6.675	128	839631	38.805	ng		98
9) Benzaldehyde	6.439	77	530687	35.044	ng		98
10) Phenol	6.522	94	1092734	39.279	ng		99
11) bis(2-Chloroethyl)ether	6.622	93	820802	38.706	ng		99
12) 1,3-Dichlorobenzene	6.828	146	919842	39.697	ng		99
13) 1,4-Dichlorobenzene	6.904	146	916302	39.246	ng		100
14) 1,2-Dichlorobenzene	7.057	146	855010	39.217	ng		100
15) Benzyl Alcohol	7.022	79	792906	38.109	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1239421	38.486	ng		99
17) 2-Methylphenol	7.134	107	687604	38.500	ng		99
18) Hexachloroethane	7.404	117	332119	38.006	ng		96
19) n-Nitroso-di-n-propyla...	7.298	70	622532	36.376	ng		97
20) 3+4-Methylphenols	7.286	107	857269	38.547	ng		92
22) Acetophenone	7.298	105	1152069	38.930	ng	#	98
24) Nitrobenzene	7.469	77	868977	42.688	ng		98
25) Isophorone	7.710	82	1571685	38.485	ng		99
26) 2-Nitrophenol	7.781	139	354182	39.806	ng		99
27) 2,4-Dimethylphenol	7.816	122	595528	39.670	ng		98
28) bis(2-Chloroethoxy)met...	7.916	93	994830	38.187	ng		100
29) 2,4-Dichlorophenol	8.022	162	704417	40.674	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	761970	40.151	ng		99
31) Naphthalene	8.192	128	2456478	39.335	ng		100
32) Benzoic acid	7.928	122	498003m	41.068	ng		
33) 4-Chloroaniline	8.239	127	916818	40.039	ng		99
34) Hexachlorobutadiene	8.310	225	465387	39.464	ng		99
35) Caprolactam	8.610	113	219565	41.211	ng		98
36) 4-Chloro-3-methylphenol	8.710	107	762761	39.647	ng		97
37) 2-Methylnaphthalene	8.880	142	1599675	39.052	ng		100
38) 1-Methylnaphthalene	8.980	142	1546452	39.346	ng		100
40) 1,2,4,5-Tetrachloroben...	9.045	216	747040	40.083	ng		100
41) Hexachlorocyclopentadiene	9.033	237	308834	39.707	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	492456	40.905	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.192	196	511248	42.885	ng		98
46)	1,1'-Biphenyl	9.345	154	1963437	39.974	ng		100
47)	2-Chloronaphthalene	9.369	162	1468474	40.506	ng		99
48)	2-Nitroaniline	9.463	65	411664	42.073	ng		97
49)	Acenaphthylene	9.786	152	2181808	40.140	ng		100
50)	Dimethylphthalate	9.645	163	1681847	38.918	ng		100
51)	2,6-Dinitrotoluene	9.704	165	335762	41.050	ng		98
52)	Acenaphthene	9.957	154	1488313	40.580	ng		100
53)	3-Nitroaniline	9.869	138	373329	42.742	ng	#	99
54)	2,4-Dinitrophenol	9.975	184	143536	45.715	ng	#	6
55)	Dibenzofuran	10.127	168	2112940	39.582	ng		99
56)	4-Nitrophenol	10.016	139	309208	48.445	ng		99
57)	2,4-Dinitrotoluene	10.104	165	431480	43.117	ng		98
58)	Fluorene	10.469	166	1562291	39.071	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.239	232	430683	41.539	ng		98
60)	Diethylphthalate	10.345	149	1660083	38.319	ng		100
61)	4-Chlorophenyl-phenyle...	10.463	204	775630	38.715	ng		100
62)	4-Nitroaniline	10.486	138	369121	50.016	ng		97
63)	Azobenzene	10.622	77	1753203	38.435	ng		99
65)	4,6-Dinitro-2-methylph...	10.510	198	212809	43.478	ng		100
66)	n-Nitrosodiphenylamine	10.580	169	1368091	39.235	ng		100
67)	4-Bromophenyl-phenylether	10.951	248	486664	39.236	ng		99
68)	Hexachlorobenzene	11.016	284	519753	39.682	ng		98
69)	Atrazine	11.104	200	341198	35.582	ng		98
70)	Pentachlorophenol	11.210	266	358495	43.155	ng		100
71)	Phenanthrene	11.433	178	2260798	39.801	ng		99
72)	Anthracene	11.486	178	2275135	39.965	ng		100
73)	Carbazole	11.633	167	2044567	40.670	ng		100
74)	Di-n-butylphthalate	11.969	149	2427528	38.095	ng		99
75)	Fluoranthene	12.621	202	2383691	40.955	ng		99
77)	Benzidine	12.739	184	595524	66.715	ng		100
78)	Pyrene	12.851	202	2388331	38.889	ng		100
80)	Butylbenzylphthalate	13.463	149	908038	40.696	ng		98
81)	Benzo(a)anthracene	14.033	228	1809644	38.631	ng		100
82)	3,3'-Dichlorobenzidine	13.992	252	550809	40.983	ng		99
83)	Chrysene	14.068	228	1725306	39.954	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.021	149	1173412	42.235	ng		100
85)	Di-n-octyl phthalate	14.633	149	1631496	39.224	ng		99
87)	Indeno(1,2,3-cd)pyrene	17.003	276	1428648	40.028	ng		99
88)	Benzo(b)fluoranthene	15.080	252	1535514	40.217	ng		99
89)	Benzo(k)fluoranthene	15.110	252	1265526	38.997	ng		100
90)	Benzo(a)pyrene	15.451	252	1216179	39.718	ng		100
91)	Dibenzo(a,h)anthracene	17.021	278	1158823	39.776	ng		99
92)	Benzo(g,h,i)perylene	17.456	276	1207865	40.469	ng		99

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

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