Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141553.D
Acq On : 11 Feb 2025 11:21
Operator : RC/JU
Sample : PB166640BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 11 11:48:22 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 06 16:58:59 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB166640BS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/11/2025
Supervised By :mohammad ahmed 02/12/2025

02/11/2025
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02/12/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	98338	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	392665	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	222790	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	382820	20.000	ng	0.00
76) Chrysene-d12	13.957	240	245835	20.000	ng	0.00
86) Perylene-d12	15.404	264	192005	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	747104	119.106	ng	0.01
7) Phenol-d6	6.434	99	936838	118.168	ng	0.00
23) Nitrobenzene-d5	7.357	82	619912	82.344	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	284408	127.080	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1214066	83.955	ng	0.00
79) Terphenyl-d14	12.898	244	1434287	98.494	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	85878	34.017	ng	99
3) Pyridine	3.316	79	206790	34.422	ng	99
4) n-Nitrosodimethylamine	3.257	42	145898	36.677	ng	97
6) Aniline	6.451	93	277331	37.291	ng	94
8) 2-Chlorophenol	6.575	128	267464	39.462	ng	99
9) Benzaldehyde	6.340	77	166184	39.446	ng	100
10) Phenol	6.446	94	317521	38.480	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	242817	39.178	ng	100
12) 1,3-Dichlorobenzene	6.728	146	276983	38.709	ng	97
13) 1,4-Dichlorobenzene	6.804	146	276912	37.877	ng	99
14) 1,2-Dichlorobenzene	6.957	146	269902	39.778	ng	99
15) Benzyl Alcohol	6.934	79	238781	39.276	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	415819	39.193	ng	82
17) 2-Methylphenol	7.051	107	213840	40.317	ng	98
18) Hexachloroethane	7.298	117	108011	39.921	ng	98
19) n-Nitroso-di-n-propyla...	7.204	70	190159	40.099	ng	98
20) 3+4-Methylphenols	7.204	107	273070	40.511	ng	100
22) Acetophenone	7.198	105	410022	41.977	ng	98
24) Nitrobenzene	7.375	77	282825	38.526	ng	98
25) Isophorone	7.610	82	511753	42.633	ng	99
26) 2-Nitrophenol	7.687	139	145158	39.744	ng	97
27) 2,4-Dimethylphenol	7.728	122	218728	51.264	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	311535	40.502	ng	100
29) 2,4-Dichlorophenol	7.934	162	230194	39.930	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	241949	38.540	ng	99
31) Naphthalene	8.092	128	780285	38.175	ng	100
32) Benzoic acid	7.869	122	174885	39.461	ng	96
33) 4-Chloroaniline	8.145	127	198728	27.848	ng	98
34) Hexachlorobutadiene	8.210	225	151737	40.261	ng	99
35) Caprolactam	8.516	113	82476m	46.988	ng	
36) 4-Chloro-3-methylphenol	8.634	107	256122	40.108	ng	99
37) 2-Methylnaphthalene	8.787	142	502697	37.795	ng	99
38) 1-Methylnaphthalene	8.881	142	488688	37.935	ng	97
40) 1,2,4,5-Tetrachloroben...	8.951	216	276152	42.844	ng	99
41) Hexachlorocyclopentadiene	8.934	237	295141	137.668	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	164369	39.456	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	179191	39.689	ng	99
46) 1,1'-Biphenyl	9.251	154	737237	42.683	ng	100
47) 2-Chloronaphthalene	9.275	162	497000	38.912	ng	99
48) 2-Nitroaniline	9.375	65	171986	40.123	ng	98
49) Acenaphthylene	9.686	152	776939	40.897	ng	100
50) Dimethylphthalate	9.551	163	610541	40.367	ng	99
51) 2,6-Dinitrotoluene	9.616	165	135349	40.936	ng	98
52) Acenaphthene	9.863	154	489581	38.333	ng	99
53) 3-Nitroaniline	9.786	138	96150	27.019	ng	97
54) 2,4-Dinitrophenol	9.898	184	175822	89.474	ng	97
55) Dibenzofuran	10.034	168	707135	37.720	ng	99
56) 4-Nitrophenol	9.963	139	222417	84.195	ng	96
57) 2,4-Dinitrotoluene	10.022	165	181418	41.217	ng	100
58) Fluorene	10.375	166	567729	39.167	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	153873	39.587	ng	97
60) Diethylphthalate	10.251	149	592461	39.814	ng	99
61) 4-Chlorophenyl-phenyle...	10.369	204	276120	39.596	ng	99
62) 4-Nitroaniline	10.404	138	137609	38.082	ng	99
63) Azobenzene	10.528	77	576561	38.974	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	110293	41.475	ng	96
66) n-Nitrosodiphenylamine	10.486	169	502279	40.988	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	176041	41.145	ng	97
68) Hexachlorobenzene	10.922	284	184417	41.859	ng	97
69) Atrazine	11.016	200	196812	53.535	ng	100
70) Pentachlorophenol	11.122	266	222244	78.891	ng	99
71) Phenanthrene	11.339	178	869573	41.266	ng	100
72) Anthracene	11.392	178	886168	41.834	ng	99
73) Carbazole	11.545	167	777086	40.770	ng	100
74) Di-n-butylphthalate	11.875	149	933869	42.433	ng	100
75) Fluoranthene	12.527	202	907964	40.641	ng	100
77) Benzidine	12.651	184	314381	57.985	ng	100
78) Pyrene	12.757	202	928873	44.386	ng	100
80) Butylbenzylphthalate	13.374	149	338587	46.711	ng	99
81) Benzo(a)anthracene	13.945	228	691833	42.336	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	142695	30.483	ng	100
83) Chrysene	13.980	228	616121	40.833	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	392947	48.065	ng	100
85) Di-n-octyl phthalate	14.551	149	528060	45.278	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	543554	45.816	ng	99
88) Benzo(b)fluoranthene	14.986	252	539713	41.863	ng	99
89) Benzo(k)fluoranthene	15.016	252	423973	38.512	ng	99
90) Benzo(a)pyrene	15.345	252	452188	43.346	ng	99
91) Dibenzo(a,h)anthracene	16.862	278	434973	45.248	ng	99
92) Benzo(g,h,i)perylene	17.280	276	430329	42.778	ng	99

02/11/2025
Supervised By :mohammad ahmed

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

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