Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022625\
Data File : BF141779.D
Acq On : 26 Feb 2025 13:26
Operator : RC/JU
Sample : PB166870BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 26 13:46:51 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 :
PB166870BS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 02/27/2025
Supervised By :Jagrut Upadhyay 02/27/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	85071	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	333608	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	184169	20.000	ng		-0.02
64) Phenanthrene-d10	11.304	188	318764	20.000	ng		-0.01
76) Chrysene-d12	13.945	240	204697	20.000	ng		-0.02
86) Perylene-d12	15.386	264	183683	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.416	112	684005	126.053	ng		0.00
7) Phenol-d6	6.428	99	817951	119.262	ng		-0.01
23) Nitrobenzene-d5	7.351	82	538922	84.258	ng		-0.01
42) 2,4,6-Tribromophenol	10.610	330	244277	132.037	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	1059860	88.661	ng		-0.01
79) Terphenyl-d14	12.886	244	1239656	102.237	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.563	88	84303	38.601	ng		94
3) Pyridine	3.299	79	197322	37.968	ng		91
4) n-Nitrosodimethylamine	3.246	42	115743	33.634	ng		86
6) Aniline	6.445	93	198673	30.881	ng	#	69
8) 2-Chlorophenol	6.575	128	247114	42.145	ng		97
9) Benzaldehyde	6.334	77	96347	26.436	ng		99
10) Phenol	6.445	94	287440	40.267	ng		95
11) bis(2-Chloroethyl)ether	6.516	93	224021	41.782	ng		99
12) 1,3-Dichlorobenzene	6.722	146	258935	41.831	ng		97
13) 1,4-Dichlorobenzene	6.798	146	262689	41.535	ng		98
14) 1,2-Dichlorobenzene	6.951	146	253149	43.127	ng		98
15) Benzyl Alcohol	6.934	79	209030	39.744	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.057	45	336953	36.713	ng		62
17) 2-Methylphenol	7.051	107	189779	41.360	ng		95
18) Hexachloroethane	7.287	117	97139	41.502	ng		99
19) n-Nitroso-di-n-propyla...	7.198	70	165435	40.326	ng		93
20) 3+4-Methylphenols	7.204	107	253481	43.470	ng	#	77
22) Acetophenone	7.192	105	378286	45.584	ng	#	90
24) Nitrobenzene	7.369	77	248767	39.886	ng		96
25) Isophorone	7.604	82	447759	43.905	ng		99
26) 2-Nitrophenol	7.681	139	132890	42.826	ng		94
27) 2,4-Dimethylphenol	7.728	122	195935	54.051	ng		97
28) bis(2-Chloroethoxy)met...	7.816	93	279279	42.736	ng		98
29) 2,4-Dichlorophenol	7.934	162	207842	42.435	ng		100
30) 1,2,4-Trichlorobenzene	8.004	180	224642	42.118	ng		99
31) Naphthalene	8.086	128	711676	40.982	ng		100
32) Benzoic acid	7.875	122	132290	35.134	ng		97
33) 4-Chloroaniline	8.139	127	99947	16.485	ng		98
34) Hexachlorobutadiene	8.198	225	137306	42.882	ng		100
35) Caprolactam	8.516	113	72001m	48.282	ng		
36) 4-Chloro-3-methylphenol	8.634	107	221721	40.867	ng		99
37) 2-Methylnaphthalene	8.775	142	456469	40.394	ng		100
38) 1-Methylnaphthalene	8.875	142	442325	40.415	ng		98
40) 1,2,4,5-Tetrachloroben...	8.945	216	249629	46.850	ng		98
41) Hexachlorocyclopentadiene	8.928	237	214365	120.959	ng		99
43) 2,4,6-Trichlorophenol	9.063	196	143163	41.572	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.110	196	154444	41.382	ng	97
46)	1,1'-Biphenyl	9.239	154	655552	45.913	ng	99
47)	2-Chloronaphthalene	9.263	162	450581	42.675	ng	99
48)	2-Nitroaniline	9.369	65	141281	39.872	ng	93
49)	Acenaphthylene	9.681	152	699167	44.521	ng	99
50)	Dimethylphthalate	9.539	163	547408	43.783	ng	100
51)	2,6-Dinitrotoluene	9.610	165	118503	43.357	ng	92
52)	Acenaphthene	9.851	154	430902	40.813	ng	99
53)	3-Nitroaniline	9.781	138	68149	23.166	ng	96
54)	2,4-Dinitrophenol	9.898	184	137452	84.617	ng	86
55)	Dibenzofuran	10.022	168	633174	40.858	ng	98
56)	4-Nitrophenol	9.963	139	154836	70.904	ng	91
57)	2,4-Dinitrotoluene	10.016	165	160235	44.038	ng	99
58)	Fluorene	10.369	166	512509	42.772	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.151	232	138935	43.239	ng	91
60)	Diethylphthalate	10.239	149	528846	42.991	ng	99
61)	4-Chlorophenyl-phenyle...	10.357	204	251620	43.650	ng	97
62)	4-Nitroaniline	10.398	138	122204	40.911	ng	91
63)	Azobenzene	10.516	77	485037	39.663	ng	94
65)	4,6-Dinitro-2-methylph...	10.428	198	90100	40.690	ng	92
66)	n-Nitrosodiphenylamine	10.480	169	446646	43.772	ng	99
67)	4-Bromophenyl-phenylether	10.845	248	160039	44.922	ng	99
68)	Hexachlorobenzene	10.916	284	166815	45.472	ng	97
69)	Atrazine	11.010	200	177595	58.015	ng	99
70)	Pentachlorophenol	11.116	266	163676	69.776	ng	99
71)	Phenanthrene	11.327	178	763853	43.533	ng	99
72)	Anthracene	11.380	178	794235	45.028	ng	100
73)	Carbazole	11.539	167	678398	42.745	ng	99
74)	Di-n-butylphthalate	11.863	149	830425	45.315	ng	100
75)	Fluoranthene	12.516	202	786182	42.262	ng	100
77)	Benzidine	12.639	184	219297	48.577	ng	99
78)	Pyrene	12.745	202	789622	45.315	ng	99
80)	Butylbenzylphthalate	13.357	149	299921	49.692	ng	99
81)	Benzo(a)anthracene	13.933	228	593989	43.653	ng	99
82)	3,3'-Dichlorobenzidine	13.898	252	114409	29.352	ng	97
83)	Chrysene	13.968	228	541257	43.080	ng	100
84)	Bis(2-ethylhexyl)phtha...	13.916	149	385680	56.657	ng	99
85)	Di-n-octyl phthalate	14.527	149	562563	57.930	ng	96
87)	Indeno(1,2,3-cd)pyrene	16.827	276	542957	47.839	ng	99
88)	Benzo(b)fluoranthene	14.968	252	545602	44.238	ng	99
89)	Benzo(k)fluoranthene	14.998	252	408670	38.804	ng	98
90)	Benzo(a)pyrene	15.327	252	459925	46.086	ng	99
91)	Dibenzo(a,h)anthracene	16.839	278	440906	47.943	ng	98
92)	Benzo(g,h,i)perylene	17.262	276	424315	44.091	ng	100

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

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