Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021225\
Data File : BF141581.D
Acq On : 12 Feb 2025 11:17
Operator : RC/JU
Sample : PB166679BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 12 11:39:13 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 :
PB166679BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio
02/13/2025
Supervised By :Jagrut Upadhyay
02/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	95276	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	379330	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	209294	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	365418	20.000	ng	0.00
76) Chrysene-d12	13.957	240	250519	20.000	ng	0.00
86) Perylene-d12	15.410	264	212201	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	785306	129.220	ng	0.01
7) Phenol-d6	6.434	99	980874	127.699	ng	0.00
23) Nitrobenzene-d5	7.357	82	653822	89.901	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	291960	138.866	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	1253855	92.298	ng	0.00
79) Terphenyl-d14	12.898	244	1470870	99.118	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	96079	39.281	ng	99
3) Pyridine	3.316	79	224316	38.539	ng	97
4) n-Nitrosodimethylamine	3.257	42	151599	39.335	ng	95
6) Aniline	6.451	93	249185	34.584	ng	85
8) 2-Chlorophenol	6.575	128	278929	42.476	ng	99
9) Benzaldehyde	6.340	77	153098	37.508	ng	100
10) Phenol	6.445	94	324827	40.631	ng	98
11) bis(2-Chloroethyl)ether	6.528	93	253719	42.252	ng	100
12) 1,3-Dichlorobenzene	6.728	146	286589	41.339	ng	98
13) 1,4-Dichlorobenzene	6.804	146	291966	41.220	ng	99
14) 1,2-Dichlorobenzene	6.957	146	283834	43.175	ng	98
15) Benzyl Alcohol	6.934	79	244451	41.501	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	427542	41.593	ng	83
17) 2-Methylphenol	7.051	107	218940	42.605	ng	98
18) Hexachloroethane	7.298	117	110220	42.046	ng	96
19) n-Nitroso-di-n-propyla...	7.204	70	192206	41.833	ng	99
20) 3+4-Methylphenols	7.204	107	277217	42.448	ng	97
22) Acetophenone	7.198	105	428542	45.415	ng	97
24) Nitrobenzene	7.375	77	290179	40.918	ng	98
25) Isophorone	7.610	82	527472	45.487	ng	99
26) 2-Nitrophenol	7.687	139	150553	42.670	ng	95
27) 2,4-Dimethylphenol	7.728	122	223655	54.261	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	319634	43.016	ng	99
29) 2,4-Dichlorophenol	7.934	162	232603	41.767	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	250717	41.341	ng	99
31) Naphthalene	8.092	128	800875	40.560	ng	100
32) Benzoic acid	7.869	122	180370	42.129	ng	99
33) 4-Chloroaniline	8.145	127	126906	18.408	ng	98
34) Hexachlorobutadiene	8.204	225	156945	43.107	ng	99
35) Caprolactam	8.516	113	83008m	48.954	ng	
36) 4-Chloro-3-methylphenol	8.634	107	260095	42.162	ng	98
37) 2-Methylnaphthalene	8.781	142	515725	40.137	ng	100
38) 1-Methylnaphthalene	8.881	142	503660	40.472	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	279568	46.170	ng	98
41) Hexachlorocyclopentadiene	8.934	237	288643	143.319	ng	97
43) 2,4,6-Trichlorophenol	9.063	196	166240	42.478	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	181075	42.693	ng	98
46) 1,1'-Biphenyl	9.251	154	750917	46.278	ng	100
47) 2-Chloronaphthalene	9.275	162	510608	42.555	ng	99
48) 2-Nitroaniline	9.369	65	172080	42.734	ng	100
49) Acenaphthylene	9.686	152	795884	44.595	ng	100
50) Dimethylphthalate	9.551	163	625669	44.035	ng	100
51) 2,6-Dinitrotoluene	9.616	165	138257	44.512	ng	96
52) Acenaphthene	9.857	154	498383	41.538	ng	99
53) 3-Nitroaniline	9.781	138	84289	25.213	ng	97
54) 2,4-Dinitrophenol	9.898	184	164433	89.074	ng	95
55) Dibenzofuran	10.033	168	721322	40.958	ng	99
56) 4-Nitrophenol	9.963	139	214983	86.629	ng	95
57) 2,4-Dinitrotoluene	10.022	165	185553	44.875	ng	99
58) Fluorene	10.375	166	584631	42.934	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.151	232	155687	42.636	ng	97
60) Diethylphthalate	10.251	149	603079	43.141	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	285010	43.507	ng	98
62) 4-Nitroaniline	10.398	138	143467	42.264	ng	98
63) Azobenzene	10.528	77	572393	41.187	ng	97
65) 4,6-Dinitro-2-methylph...	10.433	198	111069	43.756	ng	94
66) n-Nitrosodiphenylamine	10.486	169	513508	43.899	ng	99
67) 4-Bromophenyl-phenylether	10.857	248	177769	43.528	ng	99
68) Hexachlorobenzene	10.922	284	185989	44.226	ng	98
69) Atrazine	11.016	200	204558	58.291	ng	99
70) Pentachlorophenol	11.122	266	219112	81.483	ng	99
71) Phenanthrene	11.339	178	872285	43.366	ng	100
72) Anthracene	11.386	178	898842	44.453	ng	100
73) Carbazole	11.545	167	782274	42.997	ng	100
74) Di-n-butylphthalate	11.874	149	938939	44.695	ng	100
75) Fluoranthene	12.527	202	906330	42.500	ng	99
77) Benzidine	12.645	184	300401	54.371	ng	99
78) Pyrene	12.757	202	914169	42.867	ng	100
80) Butylbenzylphthalate	13.374	149	349154	47.268	ng	99
81) Benzo(a)anthracene	13.945	228	737087	44.262	ng	100
82) 3,3'-Dichlorobenzidine	13.904	252	139513	29.246	ng	99
83) Chrysene	13.980	228	664274	43.201	ng	100
84) Bis(2-ethylhexyl)phtha...	13.933	149	428517	51.436	ng	99
85) Di-n-octyl phthalate	14.551	149	638253	53.703	ng	99
87) Indeno(1,2,3-cd)pyrene	16.857	276	630429	48.081	ng	99
88) Benzo(b)fluoranthene	14.992	252	593433	41.649	ng	100
89) Benzo(k)fluoranthene	15.021	252	536050	44.059	ng	100
90) Benzo(a)pyrene	15.351	252	530366	46.002	ng	99
91) Dibenzo(a,h)anthracene	16.868	278	507829	47.799	ng	99
92) Benzo(g,h,i)perylene	17.286	276	496816	44.686	ng	99

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

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