Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021125\
Data File : BF141556.D
Acq On : 11 Feb 2025 12:39
Operator : RC/JU
Sample : PB166641BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB166641BSD

Manual Integrations APPROVED

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

Quant Time: Feb 11 13:05:08 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	100463	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	407334	20.000	ng	0.00
39) Acenaphthene-d10	9.828	164	229450	20.000	ng	0.00
64) Phenanthrene-d10	11.316	188	402356	20.000	ng	0.00
76) Chrysene-d12	13.957	240	278936	20.000	ng	0.00
86) Perylene-d12	15.404	264	208701	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	821445	128.188	ng	0.01
7) Phenol-d6	6.434	99	1011374	124.871	ng	0.00
23) Nitrobenzene-d5	7.357	82	685715	87.804	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	298733	129.606	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	1289102	86.557	ng	0.00
79) Terphenyl-d14	12.898	244	1540131	93.212	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.593	88	102326	39.675	ng	99
3) Pyridine	3.322	79	245704	40.034	ng	100
4) n-Nitrosodimethylamine	3.269	42	167177	41.138	ng	99
6) Aniline	6.451	93	290205	38.197	ng	88
8) 2-Chlorophenol	6.575	128	302453	43.680	ng	98
9) Benzaldehyde	6.340	77	177613	41.267	ng	100
10) Phenol	6.446	94	352597	41.827	ng	95
11) bis(2-Chloroethyl)ether	6.528	93	269427	42.552	ng	100
12) 1,3-Dichlorobenzene	6.728	146	308744	42.235	ng	98
13) 1,4-Dichlorobenzene	6.804	146	315260	42.210	ng	99
14) 1,2-Dichlorobenzene	6.957	146	301224	43.455	ng	99
15) Benzyl Alcohol	6.934	79	266752	42.948	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.063	45	458126	42.267	ng	77
17) 2-Methylphenol	7.051	107	238201	43.960	ng	98
18) Hexachloroethane	7.298	117	120574	43.621	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	210028	43.352	ng	99
20) 3+4-Methylphenols	7.204	107	301022	43.713	ng	99
22) Acetophenone	7.198	105	460937	45.490	ng	98
24) Nitrobenzene	7.375	77	315513	41.431	ng	100
25) Isophorone	7.610	82	569556	45.740	ng	99
26) 2-Nitrophenol	7.687	139	162437	42.873	ng	98
27) 2,4-Dimethylphenol	7.728	122	245419	55.448	ng	99
28) bis(2-Chloroethoxy)met...	7.822	93	346682	43.449	ng	100
29) 2,4-Dichlorophenol	7.934	162	255327	42.695	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	269993	41.459	ng	99
31) Naphthalene	8.092	128	863361	40.718	ng	100
32) Benzoic acid	7.875	122	196214	42.679	ng	98
33) 4-Chloroaniline	8.145	127	169079	22.840	ng	99
34) Hexachlorobutadiene	8.210	225	168186	43.019	ng	99
35) Caprolactam	8.522	113	88969m	48.862	ng	
36) 4-Chloro-3-methylphenol	8.634	107	284863	43.002	ng	100
37) 2-Methylnaphthalene	8.787	142	558396	40.470	ng	99
38) 1-Methylnaphthalene	8.881	142	547773	40.990	ng	98
40) 1,2,4,5-Tetrachloroben...	8.951	216	304990	45.944	ng	99
41) Hexachlorocyclopentadiene	8.934	237	334036	151.288	ng	97
43) 2,4,6-Trichlorophenol	9.069	196	179321	41.796	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	192991	41.505	ng	97
46) 1,1'-Biphenyl	9.251	154	806153	45.318	ng	99
47) 2-Chloronaphthalene	9.275	162	545427	41.464	ng	99
48) 2-Nitroaniline	9.375	65	185673	42.059	ng	97
49) Acenaphthylene	9.687	152	858311	43.868	ng	99
50) Dimethylphthalate	9.551	163	667368	42.844	ng	99
51) 2,6-Dinitrotoluene	9.616	165	149321	43.851	ng	98
52) Acenaphthene	9.863	154	536537	40.790	ng	98
53) 3-Nitroaniline	9.787	138	97765	26.675	ng	99
54) 2,4-Dinitrophenol	9.898	184	192838	95.285	ng	95
55) Dibenzofuran	10.034	168	783601	40.586	ng	100
56) 4-Nitrophenol	9.963	139	237073	87.138	ng	97
57) 2,4-Dinitrotoluene	10.022	165	199748	44.064	ng	99
58) Fluorene	10.375	166	617701	41.378	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	168756	42.155	ng	97
60) Diethylphthalate	10.251	149	647157	42.227	ng	100
61) 4-Chlorophenyl-phenyle...	10.369	204	303921	42.318	ng	98
62) 4-Nitroaniline	10.404	138	152488	40.975	ng	98
63) Azobenzene	10.528	77	627963	41.216	ng	98
65) 4,6-Dinitro-2-methylph...	10.434	198	117806	42.149	ng	97
66) n-Nitrosodiphenylamine	10.486	169	548317	42.572	ng	100
67) 4-Bromophenyl-phenylether	10.857	248	188791	41.983	ng	96
68) Hexachlorobenzene	10.922	284	202425	43.715	ng	98
69) Atrazine	11.016	200	214852	55.604	ng	99
70) Pentachlorophenol	11.122	266	238002	80.383	ng	98
71) Phenanthrene	11.339	178	927461	41.876	ng	100
72) Anthracene	11.392	178	958029	43.030	ng	100
73) Carbazole	11.545	167	837723	41.817	ng	100
74) Di-n-butylphthalate	11.875	149	1018839	44.046	ng	100
75) Fluoranthene	12.528	202	980670	41.764	ng	100
77) Benzidine	12.651	184	395565	64.301	ng	100
78) Pyrene	12.757	202	999960	42.112	ng	99
80) Butylbenzylphthalate	13.374	149	391651	47.620	ng	98
81) Benzo(a)anthracene	13.945	228	784289	42.298	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	154605	29.108	ng	99
83) Chrysene	13.980	228	716168	41.831	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	473513	51.047	ng	100
85) Di-n-octyl phthalate	14.551	149	637398	48.167	ng	99
87) Indeno(1,2,3-cd)pyrene	16.851	276	595023	46.142	ng	99
88) Benzo(b)fluoranthene	14.986	252	595185	42.473	ng	99
89) Benzo(k)fluoranthene	15.016	252	507697	42.428	ng	99
90) Benzo(a)pyrene	15.345	252	509675	44.949	ng	98
91) Dibenzo(a,h)anthracene	16.868	278	481981	46.127	ng	99
92) Benzo(g,h,i)perylene	17.286	276	463543	42.393	ng	99

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

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