Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021425\
Data File : BF141641.D
Acq On : 14 Feb 2025 15:56
Operator : RC/JU
Sample : PB166719BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 14 16:53:57 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 :
PB166719BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/15/2025
Supervised By :Jagrut Upadhyay 02/19/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	89837	20.000	ng	0.00
21) Naphthalene-d8	8.069	136	364284	20.000	ng	0.00
39) Acenaphthene-d10	9.822	164	203838	20.000	ng	-0.01
64) Phenanthrene-d10	11.310	188	350151	20.000	ng	0.00
76) Chrysene-d12	13.957	240	237015	20.000	ng	0.00
86) Perylene-d12	15.421	264	175463	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	775733	135.373	ng	0.00
7) Phenol-d6	6.434	99	959707	132.507	ng	0.00
23) Nitrobenzene-d5	7.351	82	638226	91.381	ng	-0.01
42) 2,4,6-Tribromophenol	10.616	330	285853	139.601	ng	-0.01
45) 2-Fluorobiphenyl	9.145	172	1223493	92.474	ng	0.00
79) Terphenyl-d14	12.892	244	1416857	100.918	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.581	88	93215	40.417	ng	99
3) Pyridine	3.316	79	209066	38.094	ng	95
4) n-Nitrosodimethylamine	3.257	42	142243	39.142	ng	93
6) Aniline	6.451	93	244774	36.028	ng	85
8) 2-Chlorophenol	6.575	128	270654	43.711	ng	99
9) Benzaldehyde	6.334	77	133669	34.730	ng	99
10) Phenol	6.445	94	315919	41.909	ng	97
11) bis(2-Chloroethyl)ether	6.522	93	255517	45.128	ng	99
12) 1,3-Dichlorobenzene	6.728	146	278814	42.652	ng	98
13) 1,4-Dichlorobenzene	6.804	146	284982	42.670	ng	99
14) 1,2-Dichlorobenzene	6.951	146	271523	43.803	ng	98
15) Benzyl Alcohol	6.934	79	228620	41.163	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	400044	41.274	ng	82
17) 2-Methylphenol	7.051	107	209612	43.259	ng	96
18) Hexachloroethane	7.293	117	106324	43.016	ng	100
19) n-Nitroso-di-n-propyla...	7.204	70	186682	43.091	ng	96
20) 3+4-Methylphenols	7.204	107	269720	43.800	ng	92
22) Acetophenone	7.198	105	411841	45.448	ng	96
24) Nitrobenzene	7.369	77	278536	40.898	ng	100
25) Isophorone	7.610	82	503046	45.172	ng	99
26) 2-Nitrophenol	7.687	139	146454	43.223	ng	95
27) 2,4-Dimethylphenol	7.728	122	217837	55.033	ng	98
28) bis(2-Chloroethoxy)met...	7.822	93	310445	43.505	ng	99
29) 2,4-Dichlorophenol	7.934	162	229321	42.878	ng	99
30) 1,2,4-Trichlorobenzene	8.010	180	245335	42.124	ng	99
31) Naphthalene	8.092	128	773386	40.785	ng	100
32) Benzoic acid	7.869	122	163233	39.701	ng	99
33) 4-Chloroaniline	8.151	127	85265	12.879	ng	98
34) Hexachlorobutadiene	8.204	225	150101	42.930	ng	100
35) Caprolactam	8.516	113	80117m	49.200	ng	
36) 4-Chloro-3-methylphenol	8.639	107	249050	42.039	ng	100
37) 2-Methylnaphthalene	8.781	142	499805	40.505	ng	100
38) 1-Methylnaphthalene	8.881	142	485638	40.635	ng	99
40) 1,2,4,5-Tetrachloroben...	8.945	216	271654	46.064	ng	98
41) Hexachlorocyclopentadiene	8.934	237	280560	143.035	ng	98
43) 2,4,6-Trichlorophenol	9.063	196	157580	41.343	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	173028	41.888	ng	96
46) 1,1'-Biphenyl	9.245	154	721518	45.657	ng	100
47) 2-Chloronaphthalene	9.269	162	495410	42.394	ng	99
48) 2-Nitroaniline	9.369	65	161448	41.166	ng	98
49) Acenaphthylene	9.686	152	762842	43.888	ng	100
50) Dimethylphthalate	9.551	163	599672	43.335	ng	100
51) 2,6-Dinitrotoluene	9.610	165	131918	43.608	ng	97
52) Acenaphthene	9.857	154	483581	41.383	ng	100
53) 3-Nitroaniline	9.781	138	82081	25.210	ng	98
54) 2,4-Dinitrophenol	9.898	184	145374	80.858	ng	93
55) Dibenzofuran	10.028	168	691546	40.319	ng	99
56) 4-Nitrophenol	9.963	139	194106	80.310	ng	95
57) 2,4-Dinitrotoluene	10.022	165	175014	43.459	ng	96
58) Fluorene	10.375	166	561961	42.374	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.151	232	148280	41.694	ng	97
60) Diethylphthalate	10.245	149	588999	43.261	ng	100
61) 4-Chlorophenyl-phenyle...	10.363	204	270456	42.390	ng	100
62) 4-Nitroaniline	10.398	138	133406	40.352	ng	99
63) Azobenzene	10.522	77	556087	41.085	ng	97
65) 4,6-Dinitro-2-methylph...	10.428	198	102756	42.246	ng	95
66) n-Nitrosodiphenylamine	10.486	169	493023	43.986	ng	99
67) 4-Bromophenyl-phenylether	10.851	248	170651	43.607	ng	96
68) Hexachlorobenzene	10.922	284	179210	44.472	ng	99
69) Atrazine	11.016	200	186383	55.428	ng	99
70) Pentachlorophenol	11.122	266	198529	77.048	ng	99
71) Phenanthrene	11.333	178	833206	43.229	ng	100
72) Anthracene	11.386	178	856146	44.188	ng	100
73) Carbazole	11.545	167	743485	42.646	ng	100
74) Di-n-butylphthalate	11.869	149	901458	44.782	ng	100
75) Fluoranthene	12.522	202	871234	42.636	ng	100
77) Benzidine	12.645	184	249307	47.694	ng	100
78) Pyrene	12.751	202	880062	43.618	ng	99
80) Butylbenzylphthalate	13.369	149	337746	48.329	ng	99
81) Benzo(a)anthracene	13.945	228	689763	43.780	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	144343	31.983	ng	98
83) Chrysene	13.980	228	634166	43.593	ng	99
84) Bis(2-ethylhexyl)phtha...	13.933	149	425345	53.964	ng	99
85) Di-n-octyl phthalate	14.563	149	604130	53.728	ng	98
87) Indeno(1,2,3-cd)pyrene	16.868	276	535117	49.357	ng	99
88) Benzo(b)fluoranthene	15.004	252	511199	43.390	ng	100
89) Benzo(k)fluoranthene	15.033	252	488038	48.511	ng	99
90) Benzo(a)pyrene	15.363	252	454197	47.644	ng	99
91) Dibenzo(a,h)anthracene	16.880	278	431261	49.091	ng	99
92) Benzo(g,h,i)perylene	17.298	276	427754	46.530	ng	99

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

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