Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021925\
Data File : BF141673.D
Acq On : 19 Feb 2025 14:12
Operator : RC/JU
Sample : PB166772BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Feb 19 14:54:26 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 :
PB166772BS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 02/20/2025
Supervised By :Jagrut Upadhyay 02/20/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.781	152	76847	20.000	ng		-0.01
21) Naphthalene-d8	8.063	136	301056	20.000	ng		-0.01
39) Acenaphthene-d10	9.816	164	152753	20.000	ng		-0.02
64) Phenanthrene-d10	11.298	188	239343	20.000	ng		-0.02
76) Chrysene-d12	13.939	240	156928	20.000	ng		-0.02
86) Perylene-d12	15.380	264	174497	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	647354	132.066	ng		0.00
7) Phenol-d6	6.428	99	770702	124.399	ng		-0.01
23) Nitrobenzene-d5	7.345	82	508808	88.151	ng		-0.02
42) 2,4,6-Tribromophenol	10.610	330	192658	125.553	ng		-0.02
45) 2-Fluorobiphenyl	9.139	172	960534	96.878	ng		-0.01
79) Terphenyl-d14	12.886	244	887992	95.527	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.546	88	82850	41.995	ng		98
3) Pyridine	3.281	79	190508	40.580	ng		95
4) n-Nitrosodimethylamine	3.222	42	124474	40.043	ng		91
6) Aniline	6.445	93	203794	35.067	ng	#	84
8) 2-Chlorophenol	6.569	128	234484	44.271	ng		100
9) Benzaldehyde	6.334	77	105070	31.914	ng		98
10) Phenol	6.439	94	271519	42.107	ng		94
11) bis(2-Chloroethyl)ether	6.516	93	222051	45.847	ng		100
12) 1,3-Dichlorobenzene	6.722	146	249629	44.643	ng		98
13) 1,4-Dichlorobenzene	6.798	146	255294	44.686	ng		99
14) 1,2-Dichlorobenzene	6.951	146	243401	45.904	ng		98
15) Benzyl Alcohol	6.928	79	192844	40.591	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.057	45	347910	41.963	ng		78
17) 2-Methylphenol	7.045	107	179444	43.293	ng		98
18) Hexachloroethane	7.292	117	94723	44.800	ng		95
19) n-Nitroso-di-n-propyla...	7.198	70	157232	42.428	ng		95
20) 3+4-Methylphenols	7.198	107	229811	43.628	ng		99
22) Acetophenone	7.192	105	358301	47.844	ng		95
24) Nitrobenzene	7.369	77	241718	42.946	ng		97
25) Isophorone	7.604	82	419547	45.587	ng		99
26) 2-Nitrophenol	7.681	139	122892	43.886	ng		95
27) 2,4-Dimethylphenol	7.722	122	179793	54.961	ng		99
28) bis(2-Chloroethoxy)met...	7.816	93	263458	44.675	ng		100
29) 2,4-Dichlorophenol	7.933	162	190304	43.056	ng		100
30) 1,2,4-Trichlorobenzene	8.004	180	210677	43.771	ng		99
31) Naphthalene	8.086	128	671912	42.876	ng		100
32) Benzoic acid	7.857	122	121719	35.822	ng		99
33) 4-Chloroaniline	8.145	127	73866	13.500	ng		99
34) Hexachlorobutadiene	8.198	225	132066	45.705	ng		99
35) Caprolactam	8.504	113	60748m	45.141	ng		
36) 4-Chloro-3-methylphenol	8.628	107	197584	40.356	ng		99
37) 2-Methylnaphthalene	8.775	142	417774	40.967	ng		99
38) 1-Methylnaphthalene	8.875	142	404497	40.954	ng		98
40) 1,2,4,5-Tetrachloroben...	8.939	216	229877	52.016	ng		99
41) Hexachlorocyclopentadiene	8.928	237	218953	148.957	ng		97
43) 2,4,6-Trichlorophenol	9.057	196	123418	43.209	ng		97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44)	2,4,5-Trichlorophenol	9.110	196	135171	43.666	ng	97
46)	1,1'-Biphenyl	9.239	154	603699	50.977	ng	100
47)	2-Chloronaphthalene	9.263	162	406922	46.467	ng	99
48)	2-Nitroaniline	9.363	65	124415	42.333	ng	98
49)	Acenaphthylene	9.680	152	616588	47.337	ng	99
50)	Dimethylphthalate	9.539	163	460112	44.369	ng	99
51)	2,6-Dinitrotoluene	9.604	165	100052	44.135	ng	98
52)	Acenaphthene	9.851	154	381493	43.565	ng	99
53)	3-Nitroaniline	9.775	138	54535	22.351	ng	99
54)	2,4-Dinitrophenol	9.892	184	105122	78.023	ng	91
55)	Dibenzofuran	10.022	168	553109	43.032	ng	99
56)	4-Nitrophenol	9.957	139	130520	72.061	ng	93
57)	2,4-Dinitrotoluene	10.010	165	128795	42.677	ng	99
58)	Fluorene	10.363	166	432903	43.559	ng	100
59)	2,3,4,6-Tetrachlorophenol	10.145	232	111649	41.893	ng	96
60)	Diethylphthalate	10.239	149	426389	41.791	ng	99
61)	4-Chlorophenyl-phenyle...	10.357	204	213892	44.736	ng	98
62)	4-Nitroaniline	10.392	138	92374	37.285	ng	95
63)	Azobenzene	10.516	77	420140	41.422	ng	96
65)	4,6-Dinitro-2-methylph...	10.422	198	67163	40.396	ng	92
66)	n-Nitrosodiphenylamine	10.474	169	367999	48.032	ng	99
67)	4-Bromophenyl-phenylether	10.845	248	128099	47.888	ng	99
68)	Hexachlorobenzene	10.910	284	133838	48.589	ng	98
69)	Atrazine	11.004	200	129528	56.354	ng	99
70)	Pentachlorophenol	11.110	266	123973	70.388	ng	99
71)	Phenanthrene	11.327	178	604311	45.869	ng	100
72)	Anthracene	11.380	178	624150	47.128	ng	99
73)	Carbazole	11.533	167	512694	43.023	ng	100
74)	Di-n-butylphthalate	11.863	149	603297	43.845	ng	99
75)	Fluoranthene	12.516	202	584107	41.818	ng	99
77)	Benzidine	12.639	184	172295	49.783	ng	100
78)	Pyrene	12.739	202	579393	43.372	ng	100
80)	Butylbenzylphthalate	13.357	149	212592	45.945	ng	100
81)	Benzo(a)anthracene	13.927	228	471396	45.189	ng	99
82)	3,3'-Dichlorobenzidine	13.892	252	101807	34.070	ng	99
83)	Chrysene	13.968	228	449197	46.636	ng	100
84)	Bis(2-ethylhexyl)phtha...	13.915	149	285840	54.773	ng	100
85)	Di-n-octyl phthalate	14.527	149	473442	63.593	ng	99
87)	Indeno(1,2,3-cd)pyrene	16.821	276	577305	53.543	ng	99
88)	Benzo(b)fluoranthene	14.962	252	495590	42.298	ng	99
89)	Benzo(k)fluoranthene	14.992	252	417625	41.742	ng	98
90)	Benzo(a)pyrene	15.321	252	451121	47.583	ng	99
91)	Dibenzo(a,h)anthracene	16.833	278	465649	53.299	ng	100
92)	Benzo(g,h,i)perylene	17.245	276	457868	50.082	ng	99

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

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