Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142153.D
Acq On : 28 Mar 2025 11:33
Operator : RC/JU
Sample : PB167359BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Mar 28 12:07:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB167359BS

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	127211	20.000	ng		-0.01
21) Naphthalene-d8	8.157	136	509295	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	301932	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	550245	20.000	ng		0.00
76) Chrysene-d12	14.039	240	357068	20.000	ng		0.00
86) Perylene-d12	15.515	264	323038	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1084603	142.296	ng		0.00
7) Phenol-d6	6.504	99	1337562	137.826	ng		0.00
23) Nitrobenzene-d5	7.434	82	875209	96.709	ng		-0.01
42) 2,4,6-Tribromophenol	10.704	330	664119	173.381	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	1901071	95.756	ng		0.00
79) Terphenyl-d14	12.986	244	2495658	103.334	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	135259	42.352	ng		98
3) Pyridine	3.475	79	356893	45.557	ng		97
4) n-Nitrosodimethylamine	3.428	42	172288	46.136	ng		97
6) Aniline	6.534	93	333610	34.847	ng		95
8) 2-Chlorophenol	6.657	128	447789	52.970	ng		97
9) Benzaldehyde	6.422	77	274369	50.551	ng		98
10) Phenol	6.516	94	509989	49.952	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	376927	49.167	ng		98
12) 1,3-Dichlorobenzene	6.810	146	464979	50.948	ng		99
13) 1,4-Dichlorobenzene	6.887	146	475471	51.491	ng		100
14) 1,2-Dichlorobenzene	7.040	146	452616	52.039	ng		98
15) Benzyl Alcohol	7.010	79	386749	49.294	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	411626	44.475	ng		96
17) 2-Methylphenol	7.122	107	353317	52.566	ng		99
18) Hexachloroethane	7.381	117	176714	51.033	ng		97
19) n-Nitroso-di-n-propyla...	7.287	70	288797	46.312	ng		98
20) 3+4-Methylphenols	7.275	107	441720	51.307	ng	#	87
22) Acetophenone	7.281	105	591079	48.463	ng		97
24) Nitrobenzene	7.457	77	446038	49.578	ng		97
25) Isophorone	7.692	82	823058	51.450	ng		99
26) 2-Nitrophenol	7.769	139	242372	54.890	ng		98
27) 2,4-Dimethylphenol	7.804	122	411875	67.741	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	485049	48.342	ng		100
29) 2,4-Dichlorophenol	8.010	162	393546	52.147	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	424641	51.058	ng		99
31) Naphthalene	8.175	128	1278545	48.871	ng		99
32) Benzoic acid	7.934	122	286887	53.678	ng		97
33) 4-Chloroaniline	8.222	127	104527	11.318	ng		97
34) Hexachlorobutadiene	8.292	225	281295	51.863	ng		99
35) Caprolactam	8.598	113	121888m	52.975	ng		
36) 4-Chloro-3-methylphenol	8.710	107	435758	51.762	ng		97
37) 2-Methylnaphthalene	8.869	142	800090	45.754	ng		99
38) 1-Methylnaphthalene	8.969	142	833728	49.408	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	464116	50.488	ng		98
41) Hexachlorocyclopentadiene	9.022	237	641948	178.437	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	317491	52.847	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.186	196	320082	52.605	ng		99
46)	1,1'-Biphenyl	9.334	154	1128118	49.174	ng		99
47)	2-Chloronaphthalene	9.357	162	863850	50.520	ng		98
48)	2-Nitroaniline	9.451	65	252113	50.922	ng		99
49)	Acenaphthylene	9.775	152	1364646	53.780	ng		100
50)	Dimethylphthalate	9.633	163	1077433	50.958	ng		100
51)	2,6-Dinitrotoluene	9.698	165	233773	53.103	ng		92
52)	Acenaphthene	9.945	154	1016476m	57.003	ng		
53)	3-Nitroaniline	9.863	138	92683	20.755	ng		98
54)	2,4-Dinitrophenol	9.975	184	287431	112.045	ng	#	46
55)	Dibenzofuran	10.122	168	1240364	48.680	ng		98
56)	4-Nitrophenol	10.028	139	372717	110.678	ng		96
57)	2,4-Dinitrotoluene	10.104	165	332839	57.887	ng		100
58)	Fluorene	10.463	166	1006665	51.231	ng		100
59)	2,3,4,6-Tetrachlorophenol	10.233	232	302510	54.636	ng		96
60)	Diethylphthalate	10.333	149	1058006	50.183	ng		100
61)	4-Chlorophenyl-phenyle...	10.451	204	527401	51.483	ng		97
62)	4-Nitroaniline	10.481	138	230881	53.107	ng		99
63)	Azobenzene	10.610	77	928825	47.387	ng		98
65)	4,6-Dinitro-2-methylph...	10.510	198	198879	60.629	ng		97
66)	n-Nitrosodiphenylamine	10.575	169	899795	50.533	ng		100
67)	4-Bromophenyl-phenylether	10.939	248	351892	50.922	ng		98
68)	Hexachlorobenzene	11.010	284	409110	53.978	ng		94
69)	Atrazine	11.098	200	339800	62.250	ng		99
70)	Pentachlorophenol	11.204	266	487288	104.350	ng		99
71)	Phenanthrene	11.428	178	1523707	51.268	ng		99
72)	Anthracene	11.475	178	1565850	52.515	ng		100
73)	Carbazole	11.628	167	1332600	51.822	ng		100
74)	Di-n-butylphthalate	11.957	149	1670767	48.966	ng		100
75)	Fluoranthene	12.616	202	1600101	50.754	ng		99
77)	Benzidine	12.733	184	466056	93.552	ng		99
78)	Pyrene	12.845	202	1585780	51.342	ng		100
80)	Butylbenzylphthalate	13.457	149	614229	50.808	ng		98
81)	Benzo(a)anthracene	14.027	228	1279730	54.617	ng		100
82)	3,3'-Dichlorobenzidine	13.992	252	114578	16.921	ng		100
83)	Chrysene	14.069	228	1066728	50.224	ng		100
84)	Bis(2-ethylhexyl)phtha...	14.016	149	821970	49.313	ng		99
85)	Di-n-octyl phthalate	14.627	149	1209209	52.138	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.009	276	1058464	50.652	ng		97
88)	Benzo(b)fluoranthene	15.080	252	1074740	48.544	ng		99
89)	Benzo(k)fluoranthene	15.116	252	960537	50.697	ng		99
90)	Benzo(a)pyrene	15.451	252	962928	55.585	ng		99
91)	Dibenzo(a,h)anthracene	17.027	278	858300	49.781	ng		99
92)	Benzo(g,h,i)perylene	17.462	276	860263	50.491	ng		98

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

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