Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032825\
Data File : BF142169.D
Acq On : 28 Mar 2025 19:32
Operator : RC/JU
Sample : Q1657-01MSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Mar 28 22:48:35 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 :
72-11998MSD

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	130328	20.000	ng		-0.01
21) Naphthalene-d8	8.157	136	497311	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	263671	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	388485	20.000	ng		0.00
76) Chrysene-d12	14.039	240	302251	20.000	ng		0.00
86) Perylene-d12	15.510	264	258436	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	648255	83.014	ng		0.00
7) Phenol-d6	6.498	99	874391	87.945	ng		0.00
23) Nitrobenzene-d5	7.434	82	556069	62.925	ng		-0.01
42) 2,4,6-Tribromophenol	10.698	330	262069	78.346	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1102261	63.577	ng		-0.01
79) Terphenyl-d14	12.980	244	1058009	51.752	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	138108	42.210	ng		98
3) Pyridine	3.457	79	361302	45.017	ng		96
4) n-Nitrosodimethylamine	3.410	42	171058	44.711	ng		94
6) Aniline	6.534	93	166790	17.005	ng		94
8) 2-Chlorophenol	6.657	128	437484	50.514	ng		97
9) Benzaldehyde	6.422	77	274705	49.402	ng		99
10) Phenol	6.516	94	501334	47.930	ng		98
11) bis(2-Chloroethyl)ether	6.604	93	372007	47.365	ng		98
12) 1,3-Dichlorobenzene	6.810	146	462907	49.508	ng		99
13) 1,4-Dichlorobenzene	6.887	146	469781	49.658	ng		99
14) 1,2-Dichlorobenzene	7.040	146	452800	50.815	ng		98
15) Benzyl Alcohol	7.010	79	379168	47.172	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	411780	43.427	ng		95
17) 2-Methylphenol	7.122	107	340999	49.520	ng		100
18) Hexachloroethane	7.381	117	174266	49.123	ng		98
19) n-Nitroso-di-n-propyla...	7.287	70	282518	44.222	ng		98
20) 3+4-Methylphenols	7.275	107	430724	48.833	ng	#	81
22) Acetophenone	7.281	105	574003	48.197	ng		97
24) Nitrobenzene	7.451	77	437049	49.749	ng		98
25) Isophorone	7.692	82	793179	50.777	ng		99
26) 2-Nitrophenol	7.769	139	237523	55.088	ng		98
27) 2,4-Dimethylphenol	7.804	122	393482	66.276	ng		99
28) bis(2-Chloroethoxy)met...	7.904	93	485057	49.508	ng		99
29) 2,4-Dichlorophenol	8.010	162	371208	50.373	ng		99
30) 1,2,4-Trichlorobenzene	8.092	180	416825	51.326	ng		99
31) Naphthalene	8.175	128	1269886	49.710	ng		100
32) Benzoic acid	7.898	122	45489	8.716	ng		90
33) 4-Chloroaniline	8.222	127	74785	8.293	ng		98
34) Hexachlorobutadiene	8.292	225	284137	53.649	ng		99
35) Caprolactam	8.592	113	92143m	41.012	ng		
36) 4-Chloro-3-methylphenol	8.710	107	389827	47.422	ng		97
37) 2-Methylnaphthalene	8.869	142	767249	44.933	ng		100
38) 1-Methylnaphthalene	8.969	142	845263	51.298	ng		98
40) 1,2,4,5-Tetrachloroben...	9.034	216	437987	54.559	ng		99
41) Hexachlorocyclopentadiene	9.022	237	343957	109.480	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	271769	51.801	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.187	196	281532	52.983	ng		98
46) 1,1'-Biphenyl	9.334	154	1118673	55.838	ng		99
47) 2-Chloronaphthalene	9.357	162	780417	52.263	ng		98
48) 2-Nitroaniline	9.451	65	227089	52.524	ng		99
49) Acenaphthylene	9.775	152	1211914	54.691	ng		100
50) Dimethylphthalate	9.634	163	973078	52.701	ng		100
51) 2,6-Dinitrotoluene	9.692	165	202827	52.759	ng		96
52) Acenaphthene	9.945	154	1030289	66.161	ng		99
53) 3-Nitroaniline	9.863	138	87594	22.462	ng		95
54) 2,4-Dinitrophenol	9.969	184	52082	28.458	ng	#	59
55) Dibenzofuran	10.116	168	1349609	60.653	ng		99
56) 4-Nitrophenol	10.022	139	266137	90.497	ng		97
57) 2,4-Dinitrotoluene	10.098	165	273910	54.551	ng		97
58) Fluorene	10.463	166	1112080	64.809	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	212431	43.934	ng		96
60) Diethylphthalate	10.328	149	920994	50.024	ng		100
61) 4-Chlorophenyl-phenyle...	10.451	204	442570	49.471	ng		97
62) 4-Nitroaniline	10.475	138	165711	43.648	ng		98
63) Azobenzene	10.610	77	799807	46.726	ng		91
65) 4,6-Dinitro-2-methylph...	10.504	198	60701	26.210	ng		99
66) n-Nitrosodiphenylamine	10.569	169	726773	57.811	ng		100
67) 4-Bromophenyl-phenylether	10.939	248	278531	57.089	ng		96
68) Hexachlorobenzene	11.010	284	298108	55.710	ng		93
69) Atrazine	11.098	200	252651	65.557	ng		99
70) Pentachlorophenol	11.204	266	263656	79.970	ng		99
71) Phenanthrene	11.428	178	2308568	110.019	ng		99
72) Anthracene	11.475	178	1260560	59.879	ng		100
73) Carbazole	11.628	167	946022	52.107	ng		99
74) Di-n-butylphthalate	11.957	149	1247452	51.783	ng		99
75) Fluoranthene	12.610	202	1717597	77.166	ng		99
77) Benzidine	12.733	184	365631	86.705	ng		100
78) Pyrene	12.839	202	1533419	58.650	ng		99
80) Butylbenzylphthalate	13.457	149	475584	46.474	ng		96
81) Benzo(a)anthracene	14.027	228	1185703	59.782	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	97967	17.092	ng		99
83) Chrysene	14.069	228	1073670	59.719	ng		99
84) Bis(2-ethylhexyl)phtha...	14.010	149	689941	48.899	ng		100
85) Di-n-octyl phthalate	14.627	149	1154300	58.797	ng		98
87) Indeno(1,2,3-cd)pyrene	17.010	276	829455	49.615	ng		98
88) Benzo(b)fluoranthene	15.080	252	1019559	57.563	ng		99
89) Benzo(k)fluoranthene	15.110	252	789288	52.072	ng		99
90) Benzo(a)pyrene	15.451	252	829816	59.875	ng		99
91) Dibenzo(a,h)anthracene	17.021	278	674123	48.872	ng		99
92) Benzo(g,h,i)perylene	17.457	276	637301	46.755	ng		98

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

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