Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
Data File : BF141904.D
Acq On : 10 Mar 2025 14:27
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Mar 10 15:37:59 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 15:01:52 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/11/2025
Supervised By :Jagrut Upadhyay 03/11/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	214737	20.000	ng		0.00
21) Naphthalene-d8	8.169	136	826030	20.000	ng		0.00
39) Acenaphthene-d10	9.922	164	452864	20.000	ng		0.00
64) Phenanthrene-d10	11.404	188	738472	20.000	ng		0.00
76) Chrysene-d12	14.045	240	424370	20.000	ng		0.00
86) Perylene-d12	15.510	264	391768	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1930406	149.991	ng		0.00
7) Phenol-d6	6.522	99	2446183	149.235	ng		0.02
23) Nitrobenzene-d5	7.457	82	2335417	158.463	ng		0.01
42) 2,4,6-Tribromophenol	10.716	330	986206	171.858	ng		0.01
45) 2-Fluorobiphenyl	9.245	172	4513418	151.763	ng		0.00
79) Terphenyl-d14	12.992	244	4700026	163.713	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	436007	80.831	ng		98
3) Pyridine	3.440	79	1059473	79.923	ng		99
4) n-Nitrosodimethylamine	3.416	42	521442	82.752	ng		99
6) Aniline	6.563	93	1160437	71.712	ng		99
8) 2-Chlorophenol	6.675	128	1078659	75.616	ng		98
10) Phenol	6.534	94	1285145	74.308	ng		89
11) bis(2-Chloroethyl)ether	6.628	93	968280	74.725	ng		99
12) 1,3-Dichlorobenzene	6.828	146	1173924	76.153	ng		100
13) 1,4-Dichlorobenzene	6.904	146	1181975	75.784	ng		99
14) 1,2-Dichlorobenzene	7.063	146	1093316	74.440	ng		99
15) Benzyl Alcohol	7.034	79	1013314	76.376	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	1127534	72.198	ng		98
17) 2-Methylphenol	7.134	107	876665	77.326	ng		98
18) Hexachloroethane	7.398	117	448765	76.745	ng		96
19) n-Nitroso-di-n-propyla...	7.316	70	783318	74.351	ng		100
20) 3+4-Methylphenols	7.298	107	1050191	72.219	ng	#	84
22) Acetophenone	7.304	105	1496035	75.498	ng	#	95
24) Nitrobenzene	7.475	77	1162753	79.572	ng		100
25) Isophorone	7.722	82	2056405	79.032	ng		100
26) 2-Nitrophenol	7.787	139	599261	83.688	ng		99
27) 2,4-Dimethylphenol	7.822	122	767514	77.821	ng		99
28) bis(2-Chloroethoxy)met...	7.916	93	1248549	76.598	ng		100
29) 2,4-Dichlorophenol	8.028	162	971886	79.403	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	1062793	78.705	ng		99
31) Naphthalene	8.192	128	3152444	74.497	ng		99
32) Benzoic acid	7.975	122	795850	92.323	ng		98
33) 4-Chloroaniline	8.239	127	1088546	72.896	ng		100
34) Hexachlorobutadiene	8.304	225	713827	81.299	ng		99
35) Caprolactam	8.639	113	311758m	83.763	ng		
36) 4-Chloro-3-methylphenol	8.716	107	1056917	77.644	ng		99
37) 2-Methylnaphthalene	8.881	142	2129990	75.023	ng		100
38) 1-Methylnaphthalene	8.981	142	2050191	74.568	ng		99
40) 1,2,4,5-Tetrachloroben...	9.045	216	1127671	81.667	ng		98
41) Hexachlorocyclopentadiene	9.028	237	463300	85.031	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	741710	82.399	ng		100
44) 2,4,5-Trichlorophenol	9.198	196	736926	80.579	ng		100

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46)	1,1'-Biphenyl	9.345	154	2626697	76.503	ng		99
47)	2-Chloronaphthalene	9.369	162	1992242	77.859	ng		99
48)	2-Nitroaniline	9.463	65	597778	81.326	ng		98
49)	Acenaphthylene	9.786	152	2878496	75.877	ng		99
50)	Dimethylphthalate	9.657	163	2428843	77.192	ng		100
51)	2,6-Dinitrotoluene	9.710	165	529139	80.867	ng		99
52)	Acenaphthene	9.957	154	2085941	77.872	ng		99
53)	3-Nitroaniline	9.881	138	526980	78.435	ng		100
54)	2,4-Dinitrophenol	9.981	184	305399	81.479	ng	#	55
55)	Dibenzofuran	10.128	168	2844432	74.474	ng		99
56)	4-Nitrophenol	10.033	139	416153	82.456	ng		97
57)	2,4-Dinitrotoluene	10.116	165	681278	79.099	ng		95
58)	Fluorene	10.475	166	2210653	74.974	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.245	232	668027	80.507	ng		99
60)	Diethylphthalate	10.345	149	2358921	74.681	ng		99
61)	4-Chlorophenyl-phenyle...	10.463	204	1209021	78.724	ng		97
62)	4-Nitroaniline	10.504	138	502894	77.243	ng		98
63)	Azobenzene	10.622	77	2168742	73.911	ng		99
65)	4,6-Dinitro-2-methylph...	10.522	198	404505	92.396	ng		98
66)	n-Nitrosodiphenylamine	10.586	169	1882098	78.895	ng		99
67)	4-Bromophenyl-phenylether	10.957	248	774645	84.232	ng		95
68)	Hexachlorobenzene	11.016	284	862357	84.832	ng		97
70)	Pentachlorophenol	11.210	266	563030	89.813	ng		100
71)	Phenanthrene	11.433	178	3020950	75.649	ng		99
72)	Anthracene	11.486	178	3031014	75.653	ng		99
73)	Carbazole	11.639	167	2552563	74.002	ng		98
74)	Di-n-butylphthalate	11.969	149	3342776	73.399	ng		99
75)	Fluoranthene	12.622	202	3005566	71.694	ng		99
77)	Benzidine	12.733	184	427770	71.330	ng		99
78)	Pyrene	12.851	202	2930115	80.513	ng		99
80)	Butylbenzylphthalate	13.463	149	1149989	80.189	ng		99
81)	Benzo(a)anthracene	14.033	228	2196935	78.692	ng		100
82)	3,3'-Dichlorobenzidine	13.998	252	652678	80.884	ng		99
83)	Chrysene	14.074	228	2018832	80.498	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.021	149	1573231	79.962	ng		98
85)	Di-n-octyl phthalate	14.633	149	2310836	84.386	ng		100
87)	Indeno(1,2,3-cd)pyrene	17.009	276	2238588	88.111	ng		99
88)	Benzo(b)fluoranthene	15.086	252	2246428	84.536	ng		99
89)	Benzo(k)fluoranthene	15.116	252	1631675	70.292	ng		99
90)	Benzo(a)pyrene	15.457	252	1725632	82.339	ng		100
91)	Dibenzo(a,h)anthracene	17.033	278	1846778	88.098	ng		99
92)	Benzo(g,h,i)perylene	17.468	276	1828662	87.950	ng		99

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

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