Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142246.D
Acq On : 30 Apr 2025 14:43
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 30 15:46:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.910	152	192490	20.000	ng		0.00
21) Naphthalene-d8	8.192	136	730774	20.000	ng		0.00
39) Acenaphthene-d10	9.951	164	381378	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	608907	20.000	ng		0.00
76) Chrysene-d12	14.080	240	323925	20.000	ng		0.00
86) Perylene-d12	15.568	264	374102	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.522	112	1741015	144.449	ng		0.00
7) Phenol-d6	6.534	99	2109624	144.946	ng		0.00
23) Nitrobenzene-d5	7.481	82	1929643	173.477	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	579431	166.657	ng		0.00
45) 2-Fluorobiphenyl	9.275	172	3399868	125.694	ng		0.00
79) Terphenyl-d14	13.027	244	2993632	134.413	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	408111	75.816	ng		99
3) Pyridine	3.469	79	1062667	75.959	ng		99
4) n-Nitrosodimethylamine	3.434	42	562539	77.702	ng		98
6) Aniline	6.575	93	1525082	74.030	ng		99
8) 2-Chlorophenol	6.692	128	942996	75.716	ng		99
9) Benzaldehyde	6.463	77	673391	66.197	ng		99
10) Phenol	6.551	94	1130209m	72.134	ng		
11) bis(2-Chloroethyl)ether	6.651	93	871905	71.808	ng		99
12) 1,3-Dichlorobenzene	6.851	146	1000058	70.979	ng		99
13) 1,4-Dichlorobenzene	6.928	146	997448	70.267	ng		99
14) 1,2-Dichlorobenzene	7.081	146	966587	71.326	ng		99
15) Benzyl Alcohol	7.051	79	787715	76.310	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.186	45	1573151	71.749	ng		99
17) 2-Methylphenol	7.157	107	757239	74.219	ng		100
18) Hexachloroethane	7.428	117	347325	74.757	ng		99
19) n-Nitroso-di-n-propyla...	7.334	70	650174	72.291	ng		99
20) 3+4-Methylphenols	7.316	107	897475	70.340	ng	#	87
22) Acetophenone	7.328	105	1180939	69.853	ng		97
24) Nitrobenzene	7.498	77	917286	84.046	ng		100
25) Isophorone	7.739	82	1758014	75.306	ng		99
26) 2-Nitrophenol	7.810	139	416387	79.254	ng		98
27) 2,4-Dimethylphenol	7.839	122	883922	75.098	ng		100
28) bis(2-Chloroethoxy)met...	7.945	93	1070383	72.702	ng		99
29) 2,4-Dichlorophenol	8.045	162	768570	78.103	ng		99
30) 1,2,4-Trichlorobenzene	8.133	180	797476	72.623	ng		100
31) Naphthalene	8.216	128	2508082	68.820	ng		99
32) Benzoic acid	7.969	122	523215m	83.328	ng		
33) 4-Chloroaniline	8.263	127	1084543	71.465	ng		99
34) Hexachlorobutadiene	8.333	225	471301	73.564	ng		100
35) Caprolactam	8.645	113	242414	81.958	ng		97
36) 4-Chloro-3-methylphenol	8.739	107	776483	76.844	ng		99
37) 2-Methylnaphthalene	8.910	142	1559858	69.615	ng		99
38) 1-Methylnaphthalene	9.010	142	1583955	68.237	ng		99
40) 1,2,4,5-Tetrachloroben...	9.075	216	757210	70.548	ng		100
41) Hexachlorocyclopentadiene	9.063	237	523186	85.886	ng		99
43) 2,4,6-Trichlorophenol	9.180	196	545358	81.996	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	557542	79.732	ng		99
46) 1,1'-Biphenyl	9.375	154	2006955	67.691	ng		99
47) 2-Chloronaphthalene	9.398	162	1547207	70.140	ng		99
48) 2-Nitroaniline	9.486	65	481954	79.390	ng		97
49) Acenaphthylene	9.816	152	2555385	68.650	ng		99
50) Dimethylphthalate	9.675	163	1757977	72.052	ng		99
51) 2,6-Dinitrotoluene	9.733	165	379127	78.246	ng		97
52) Acenaphthene	9.986	154	1517991	69.843	ng		99
53) 3-Nitroaniline	9.904	138	456571	78.061	ng		96
54) 2,4-Dinitrophenol	10.004	184	129817	79.532	ng	#	28
55) Dibenzofuran	10.157	168	2237085	68.664	ng		98
56) 4-Nitrophenol	10.045	139	335015	87.357	ng		97
57) 2,4-Dinitrotoluene	10.133	165	467545	78.915	ng		99
58) Fluorene	10.498	166	1634486	65.980	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	465050	80.286	ng		99
60) Diethylphthalate	10.375	149	1717661	71.292	ng		99
61) 4-Chlorophenyl-phenyle...	10.492	204	802224	68.190	ng		98
62) 4-Nitroaniline	10.522	138	410928	77.614	ng		98
63) Azobenzene	10.651	77	1674434	70.379	ng		99
65) 4,6-Dinitro-2-methylph...	10.545	198	183184	81.749	ng		96
66) n-Nitrosodiphenylamine	10.610	169	1518420	72.983	ng		99
67) 4-Bromophenyl-phenylether	10.980	248	514462	75.866	ng		97
68) Hexachlorobenzene	11.045	284	577203	75.999	ng		98
69) Atrazine	11.133	200	423886	77.296	ng		99
70) Pentachlorophenol	11.233	266	350009	87.235	ng		99
71) Phenanthrene	11.463	178	2288481	69.578	ng		99
72) Anthracene	11.516	178	2336551	69.482	ng		100
73) Carbazole	11.663	167	2087769	68.058	ng		99
74) Di-n-butylphthalate	11.998	149	2221417	72.002	ng		100
75) Fluoranthene	12.651	202	2137636	65.747	ng		98
77) Benzidine	12.768	184	1049467	76.247	ng		99
78) Pyrene	12.880	202	2118847	70.910	ng		99
80) Butylbenzylphthalate	13.498	149	659574	78.197	ng		98
81) Benzo(a)anthracene	14.068	228	1586778	72.970	ng		100
82) 3,3'-Dichlorobenzidine	14.033	252	563738	88.259	ng		99
83) Chrysene	14.104	228	1474094	74.470	ng		99
84) Bis(2-ethylhexyl)phtha...	14.057	149	915684	78.547	ng		100
85) Di-n-octyl phthalate	14.680	149	1722215	78.594	ng		100
87) Indeno(1,2,3-cd)pyrene	17.092	276	2128475	77.677	ng		99
88) Benzo(b)fluoranthene	15.133	252	1798083	77.378	ng		99
89) Benzo(k)fluoranthene	15.162	252	1439304	67.716	ng		100
90) Benzo(a)pyrene	15.509	252	1610193	75.685	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	1712182	76.989	ng		99
92) Benzo(g,h,i)perylene	17.551	276	1738450	77.757	ng		99

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

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