Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081525\
Data File : BF143418.D
Acq On : 15 Aug 2025 15:28
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 15 18:25:59 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 15 18:23:08 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 08/18/2025
Supervised By :Jagrut Upadhyay 08/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	126172	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	489700	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	268983	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	437552	20.000	ng		0.00
76) Chrysene-d12	14.086	240	267863	20.000	ng		0.00
86) Perylene-d12	15.574	264	237224	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	147543	20.328	ng		0.00
7) Phenol-d6	6.551	99	188455	20.603	ng		0.00
23) Nitrobenzene-d5	7.481	82	162906	19.740	ng		0.00
42) 2,4,6-Tribromophenol	10.745	330	47446	19.817	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	360367	22.534	ng		0.00
79) Terphenyl-d14	13.022	244	341694	21.429	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	35300	10.104	ng		97
3) Pyridine	3.522	79	86732	9.465	ng		99
4) n-Nitrosodimethylamine	3.434	42	40435	9.494	ng	#	98
6) Aniline	6.587	93	124989	10.065	ng		98
8) 2-Chlorophenol	6.716	128	81382	10.156	ng		98
9) Benzaldehyde	6.475	77	65816	13.525	ng		99
10) Phenol	6.569	94	110158	10.320	ng		93
11) bis(2-Chloroethyl)ether	6.651	93	79743	10.079	ng		98
12) 1,3-Dichlorobenzene	6.869	146	93323	10.397	ng		99
13) 1,4-Dichlorobenzene	6.945	146	93524	10.436	ng		99
14) 1,2-Dichlorobenzene	7.098	146	89646	10.473	ng		98
15) Benzyl Alcohol	7.063	79	64998	9.636	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	142528	10.537	ng		99
17) 2-Methylphenol	7.175	107	65382	10.000	ng		97
18) Hexachloroethane	7.440	117	30528	10.008	ng		99
19) n-Nitroso-di-n-propyla...	7.328	70	59208	10.456	ng		99
20) 3+4-Methylphenols	7.328	107	83322	10.659	ng		91
22) Acetophenone	7.328	105	112365	10.672	ng		100
24) Nitrobenzene	7.498	77	84934	9.847	ng		98
25) Isophorone	7.739	82	157251	9.956	ng		99
26) 2-Nitrophenol	7.822	139	36495	9.127	ng		99
27) 2,4-Dimethylphenol	7.857	122	70092	10.368	ng		97
28) bis(2-Chloroethoxy)met...	7.951	93	99022	10.200	ng		100
29) 2,4-Dichlorophenol	8.069	162	68826	9.987	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	73076	10.349	ng		96
31) Naphthalene	8.228	128	241652	10.394	ng		100
32) Benzoic acid	7.951	122	27803m	7.945	ng		
33) 4-Chloroaniline	8.275	127	86081	10.258	ng		98
34) Hexachlorobutadiene	8.351	225	45348	10.071	ng		97
35) Caprolactam	8.610	113	18911	9.531	ng		96
36) 4-Chloro-3-methylphenol	8.751	107	71072	10.013	ng		100
37) 2-Methylnaphthalene	8.922	142	166073	10.598	ng		100
38) 1-Methylnaphthalene	9.016	142	159110	10.597	ng		99
40) 1,2,4,5-Tetrachloroben...	9.086	216	78936	10.523	ng		98
41) Hexachlorocyclopentadiene	9.075	237	11930	10.597	ng		98
43) 2,4,6-Trichlorophenol	9.198	196	45852	9.798	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	48096	9.588	ng	95
46) 1,1'-Biphenyl	9.381	154	204923	10.843	ng	98
47) 2-Chloronaphthalene	9.404	162	157909	10.585	ng	98
48) 2-Nitroaniline	9.498	65	42604	9.597	ng	99
49) Acenaphthylene	9.822	152	225908	10.488	ng	99
50) Dimethylphthalate	9.669	163	173912	10.371	ng	100
51) 2,6-Dinitrotoluene	9.733	165	30248	9.150	ng	95
52) Acenaphthene	9.992	154	151452	10.454	ng	99
53) 3-Nitroaniline	9.904	138	35157	9.547	ng	94
54) 2,4-Dinitrophenol	10.022	184	7904	10.543	ng	95
55) Dibenzofuran	10.163	168	224434	10.739	ng	100
56) 4-Nitrophenol	10.081	139	17626	7.613	ng	94
57) 2,4-Dinitrotoluene	10.139	165	41418	9.397	ng	96
58) Fluorene	10.510	166	177326	11.045	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.286	232	35679	9.397	ng	97
60) Diethylphthalate	10.369	149	165814	10.700	ng	99
61) 4-Chlorophenyl-phenyle...	10.498	204	85166	10.729	ng	99
62) 4-Nitroaniline	10.510	138	34292	9.957	ng	98
63) Azobenzene	10.657	77	162818	10.395	ng	99
65) 4,6-Dinitro-2-methylph...	10.551	198	15949	7.065	ng	92
66) n-Nitrosodiphenylamine	10.610	169	145957	10.259	ng	99
67) 4-Bromophenyl-phenylether	10.986	248	51111	9.892	ng	97
68) Hexachlorobenzene	11.057	284	55212	10.051	ng	98
69) Atrazine	11.133	200	41393	9.947	ng	99
70) Pentachlorophenol	11.257	266	16946	6.949	ng	95
71) Phenanthrene	11.469	178	252765	10.668	ng	100
72) Anthracene	11.522	178	253551	10.595	ng	100
73) Carbazole	11.675	167	217667	10.754	ng	99
74) Di-n-butylphthalate	11.998	149	209808	10.409	ng	100
75) Fluoranthene	12.657	202	236882	11.251	ng	99
77) Benzidine	12.774	184	85270	11.245	ng	99
78) Pyrene	12.886	202	243992	10.480	ng	98
80) Butylbenzylphthalate	13.498	149	49871	8.648	ng	98
81) Benzo(a)anthracene	14.074	228	170857	10.019	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	40733	8.158	ng	97
83) Chrysene	14.110	228	158897	10.079	ng	98
84) Bis(2-ethylhexyl)phtha...	14.057	149	65928	8.050	ng	98
85) Di-n-octyl phthalate	14.668	149	123077	7.410	ng	99
87) Indeno(1,2,3-cd)pyrene	17.086	276	181838	10.222	ng	99
88) Benzo(b)fluoranthene	15.133	252	118835	9.347	ng	99
89) Benzo(k)fluoranthene	15.163	252	137759	10.985	ng	99
90) Benzo(a)pyrene	15.510	252	120666	9.964	ng	99
91) Dibenzo(a,h)anthracene	17.098	278	148583	10.401	ng	99
92) Benzo(g,h,i)perylene	17.539	276	144617	10.133	ng	99

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

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