Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143479.D
Acq On : 20 Aug 2025 11:54
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Aug 20 16:20:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 20 15:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	138225	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	525191	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	291754	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	461672	20.000	ng		0.00
76) Chrysene-d12	14.098	240	274933	20.000	ng		0.00
86) Perylene-d12	15.598	264	265385	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	165533	20.911	ng		0.00
7) Phenol-d6	6.557	99	201752	20.646	ng		-0.02
23) Nitrobenzene-d5	7.481	82	181268	20.141	ng		-0.02
42) 2,4,6-Tribromophenol	10.751	330	54980	20.244	ng		-0.01
45) 2-Fluorobiphenyl	9.280	172	389874	22.085	ng		0.00
79) Terphenyl-d14	13.033	244	344924	21.893	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	36526	9.961	ng		99
3) Pyridine	3.540	79	96225	9.852	ng		99
4) n-Nitrosodimethylamine	3.451	42	41741	9.507	ng	#	97
6) Aniline	6.587	93	136107	10.420	ng		98
8) 2-Chlorophenol	6.716	128	88766	10.152	ng		98
9) Benzaldehyde	6.475	77	69636	8.802	ng		99
10) Phenol	6.569	94	117160	10.408	ng		82
11) bis(2-Chloroethyl)ether	6.651	93	84985	10.102	ng		97
12) 1,3-Dichlorobenzene	6.869	146	100273	10.207	ng		100
13) 1,4-Dichlorobenzene	6.945	146	102802	10.432	ng		97
14) 1,2-Dichlorobenzene	7.098	146	97628	10.464	ng		99
15) Benzyl Alcohol	7.063	79	71642	9.792	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.192	45	145437	10.806	ng		99
17) 2-Methylphenol	7.181	107	71996	10.260	ng		95
18) Hexachloroethane	7.439	117	34428	10.276	ng		98
19) n-Nitroso-di-n-propyla...	7.328	70	63026	10.552	ng		98
20) 3+4-Methylphenols	7.334	107	92430	11.034	ng		99
22) Acetophenone	7.328	105	121914	10.745	ng		97
24) Nitrobenzene	7.504	77	92261	9.960	ng		99
25) Isophorone	7.739	82	165391	10.025	ng		99
26) 2-Nitrophenol	7.822	139	43444	9.575	ng		98
27) 2,4-Dimethylphenol	7.857	122	71477	10.105	ng		99
28) bis(2-Chloroethoxy)met...	7.951	93	104720	10.329	ng		98
29) 2,4-Dichlorophenol	8.069	162	78518	10.394	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	78780	10.143	ng		100
31) Naphthalene	8.228	128	264837	10.503	ng		100
32) Benzoic acid	7.957	122	22608	10.817	ng		96
33) 4-Chloroaniline	8.281	127	90644	10.129	ng		98
34) Hexachlorobutadiene	8.351	225	52299	10.321	ng		99
35) Caprolactam	8.616	113	16494	9.099	ng		98
36) 4-Chloro-3-methylphenol	8.757	107	76657	10.126	ng		99
37) 2-Methylnaphthalene	8.922	142	179574	10.663	ng		99
38) 1-Methylnaphthalene	9.022	142	170845	10.606	ng		99
40) 1,2,4,5-Tetrachloroben...	9.092	216	85181	10.207	ng		99
41) Hexachlorocyclopentadiene	9.080	237	14243	10.484	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	50602	9.854	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	54832	9.775	ng		97
46) 1,1'-Biphenyl	9.380	154	219538	10.602	ng		98
47) 2-Chloronaphthalene	9.410	162	169967	10.461	ng		99
48) 2-Nitroaniline	9.504	65	45630	9.596	ng		97
49) Acenaphthylene	9.827	152	242638	10.429	ng		99
50) Dimethylphthalate	9.675	163	177820	10.120	ng		99
51) 2,6-Dinitrotoluene	9.739	165	34570	9.493	ng		98
52) Acenaphthene	9.998	154	164918	10.441	ng		100
53) 3-Nitroaniline	9.910	138	37475	9.523	ng		97
54) 2,4-Dinitrophenol	10.027	184	10431	10.295	ng		87
55) Dibenzofuran	10.169	168	237099	10.528	ng		99
56) 4-Nitrophenol	10.092	139	16733	7.146	ng		98
57) 2,4-Dinitrotoluene	10.145	165	46361	9.534	ng		96
58) Fluorene	10.510	166	187535	10.820	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.292	232	38561	9.253	ng	#	98
60) Diethylphthalate	10.375	149	160006	10.156	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	90965	10.494	ng		97
62) 4-Nitroaniline	10.522	138	34518	9.550	ng		98
63) Azobenzene	10.663	77	168373	10.307	ng		99
65) 4,6-Dinitro-2-methylph...	10.557	198	19659	7.552	ng		95
66) n-Nitrosodiphenylamine	10.616	169	152607	10.271	ng		98
67) 4-Bromophenyl-phenylether	10.992	248	55324	10.043	ng		98
68) Hexachlorobenzene	11.069	284	60577	10.202	ng		98
69) Atrazine	11.139	200	36074	9.406	ng		98
70) Pentachlorophenol	11.269	266	20373	7.492	ng		98
71) Phenanthrene	11.474	178	259254	10.486	ng		99
72) Anthracene	11.527	178	263998	10.541	ng		99
73) Carbazole	11.680	167	213439	10.400	ng		99
74) Di-n-butylphthalate	12.010	149	184596	9.642	ng		99
75) Fluoranthene	12.668	202	235543	10.618	ng		99
77) Benzidine	12.786	184	84040	12.549	ng		99
78) Pyrene	12.898	202	243049	10.747	ng		98
80) Butylbenzylphthalate	13.510	149	55227	8.939	ng		97
81) Benzo(a)anthracene	14.086	228	175192	9.898	ng		99
82) 3,3'-Dichlorobenzidine	14.045	252	48491	9.566	ng		97
83) Chrysene	14.121	228	164205	10.323	ng		99
84) Bis(2-ethylhexyl)phtha...	14.068	149	86065	9.146	ng		99
85) Di-n-octyl phthalate	14.680	149	155239	8.906	ng		100
87) Indeno(1,2,3-cd)pyrene	17.121	276	190133	9.970	ng		99
88) Benzo(b)fluoranthene	15.151	252	152145	10.314	ng		99
89) Benzo(k)fluoranthene	15.180	252	134513	9.524	ng		99
90) Benzo(a)pyrene	15.533	252	135536	9.898	ng		100
91) Dibenzo(a,h)anthracene	17.133	278	154454	10.113	ng		99
92) Benzo(g,h,i)perylene	17.580	276	149813	9.865	ng		99

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

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