Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081925\
Data File : BF143465.D
Acq On : 19 Aug 2025 19:53
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Aug 20 01:13:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF081525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 18 04:40:19 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.928	152	141622	20.000	ng		0.00
21) Naphthalene-d8	8.210	136	548647	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	311599	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	482835	20.000	ng		0.00
76) Chrysene-d12	14.092	240	238533	20.000	ng		0.00
86) Perylene-d12	15.580	264	315648	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	649496	79.722	ng		0.00
7) Phenol-d6	6.569	99	802783	78.189	ng		0.01
23) Nitrobenzene-d5	7.492	82	749350	81.046	ng		0.00
42) 2,4,6-Tribromophenol	10.757	330	233729	84.273	ng		0.00
45) 2-Fluorobiphenyl	9.286	172	1425158	76.929	ng		0.00
79) Terphenyl-d14	13.027	244	1189246	83.752	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	148808	37.946	ng		99
3) Pyridine	3.522	79	402816	39.164	ng		98
4) n-Nitrosodimethylamine	3.457	42	181558	37.978	ng		99
6) Aniline	6.593	93	541689	38.863	ng	#	85
8) 2-Chlorophenol	6.722	128	363085	40.367	ng		97
9) Benzaldehyde	6.481	77	212502	38.906	ng		97
10) Phenol	6.581	94	463778	38.710	ng		87
11) bis(2-Chloroethyl)ether	6.657	93	348060	39.192	ng		99
12) 1,3-Dichlorobenzene	6.875	146	401402	39.839	ng		99
13) 1,4-Dichlorobenzene	6.945	146	399806	39.746	ng		99
14) 1,2-Dichlorobenzene	7.098	146	379025	39.450	ng		99
15) Benzyl Alcohol	7.069	79	321202	42.422	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.198	45	574326	37.828	ng		88
17) 2-Methylphenol	7.187	107	293360	39.975	ng		95
18) Hexachloroethane	7.440	117	136440	39.849	ng		99
19) n-Nitroso-di-n-propyla...	7.340	70	250759	39.451	ng		98
20) 3+4-Methylphenols	7.340	107	352647	40.197	ng		94
22) Acetophenone	7.334	105	463004	39.250	ng		99
24) Nitrobenzene	7.510	77	391968	40.562	ng		97
25) Isophorone	7.751	82	709493	40.093	ng		99
26) 2-Nitrophenol	7.828	139	202641	45.235	ng		97
27) 2,4-Dimethylphenol	7.863	122	300251	39.641	ng		99
28) bis(2-Chloroethoxy)met...	7.951	93	435876	40.073	ng		100
29) 2,4-Dichlorophenol	8.075	162	320061	41.452	ng		99
30) 1,2,4-Trichlorobenzene	8.151	180	319413	40.374	ng		99
31) Naphthalene	8.234	128	1037253	39.822	ng		100
32) Benzoic acid	7.981	122	169803	43.106	ng		97
33) 4-Chloroaniline	8.281	127	384279	40.872	ng		98
34) Hexachlorobutadiene	8.351	225	210545	41.735	ng		99
35) Caprolactam	8.651	113	93712	42.156	ng		95
36) 4-Chloro-3-methylphenol	8.763	107	326982	41.119	ng		99
37) 2-Methylnaphthalene	8.922	142	704960	40.152	ng		100
38) 1-Methylnaphthalene	9.022	142	680707	40.466	ng		100
40) 1,2,4,5-Tetrachloroben...	9.092	216	347121	39.945	ng		99
41) Hexachlorocyclopentadiene	9.081	237	112754	39.240	ng		99
43) 2,4,6-Trichlorophenol	9.204	196	226056	41.701	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	236288	40.664	ng	97
46) 1,1'-Biphenyl	9.386	154	857883	39.184	ng	99
47) 2-Chloronaphthalene	9.410	162	676063	39.120	ng	99
48) 2-Nitroaniline	9.504	65	210143	40.861	ng	94
49) Acenaphthylene	9.828	152	978163	39.202	ng	100
50) Dimethylphthalate	9.675	163	779522	40.126	ng	100
51) 2,6-Dinitrotoluene	9.745	165	166046	43.358	ng	94
52) Acenaphthene	9.998	154	665011	39.626	ng	100
53) 3-Nitroaniline	9.916	138	178756	41.903	ng	97
54) 2,4-Dinitrophenol	10.022	184	72372	43.488	ng	94
55) Dibenzofuran	10.169	168	950232	39.251	ng	99
56) 4-Nitrophenol	10.081	139	104819	39.083	ng	98
57) 2,4-Dinitrotoluene	10.145	165	223624	43.798	ng	99
58) Fluorene	10.516	166	718356	38.624	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.292	232	187402	42.605	ng	99
60) Diethylphthalate	10.381	149	713068	39.720	ng	99
61) 4-Chlorophenyl-phenyle...	10.504	204	370327	40.274	ng	96
62) 4-Nitroaniline	10.528	138	162281	40.677	ng	99
63) Azobenzene	10.663	77	707214	38.977	ng	100
65) 4,6-Dinitro-2-methylph...	10.563	198	112171	45.026	ng	95
66) n-Nitrosodiphenylamine	10.622	169	619911	39.486	ng	99
67) 4-Bromophenyl-phenylether	10.992	248	232380	40.757	ng	99
68) Hexachlorobenzene	11.069	284	244677	40.366	ng	96
69) Atrazine	11.145	200	188697	41.093	ng	99
70) Pentachlorophenol	11.263	266	112651	42.261	ng	99
71) Phenanthrene	11.475	178	1008081	38.555	ng	99
72) Anthracene	11.528	178	1021293	38.673	ng	99
73) Carbazole	11.680	167	840465	37.630	ng	100
74) Di-n-butylphthalate	12.004	149	916825	41.221	ng	100
75) Fluoranthene	12.663	202	867824	37.354	ng	100
77) Benzidine	12.780	184	267385	37.538	ng	99
78) Pyrene	12.892	202	859778	41.470	ng	99
80) Butylbenzylphthalate	13.498	149	243008	47.322	ng	100
81) Benzo(a)anthracene	14.080	228	609614	40.142	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	194819	43.815	ng	100
83) Chrysene	14.116	228	547981	39.031	ng	100
84) Bis(2-ethylhexyl)phtha...	14.057	149	345222	47.337	ng	100
85) Di-n-octyl phthalate	14.668	149	686228	46.393	ng	99
87) Indeno(1,2,3-cd)pyrene	17.110	276	918539	38.805	ng	99
88) Benzo(b)fluoranthene	15.145	252	684374	40.454	ng	99
89) Benzo(k)fluoranthene	15.168	252	613134	36.745	ng	99
90) Benzo(a)pyrene	15.515	252	638063	39.599	ng	99
91) Dibenzo(a,h)anthracene	17.121	278	736384	38.739	ng	99
92) Benzo(g,h,i)perylene	17.568	276	735937	38.755	ng	98

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

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