Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082025\
Data File : BF143516.D
Acq On : 21 Aug 2025 06:44
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Aug 21 07:07:32 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 21 06:12:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.928	152	137454	20.000	ng	0.00
21) Naphthalene-d8	8.210	136	510568	20.000	ng	0.00
39) Acenaphthene-d10	9.963	164	274867	20.000	ng	0.00
64) Phenanthrene-d10	11.451	188	405205	20.000	ng	0.00
76) Chrysene-d12	14.098	240	245385	20.000	ng	0.00
86) Perylene-d12	15.592	264	295910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.557	112	619031	78.639	ng	0.00
7) Phenol-d6	6.563	99	755494	77.747	ng	-0.01
23) Nitrobenzene-d5	7.487	82	701155	80.138	ng	-0.01
42) 2,4,6-Tribromophenol	10.757	330	199460	77.956	ng	0.00
45) 2-Fluorobiphenyl	9.287	172	1278754	76.887	ng	0.00
79) Terphenyl-d14	13.033	244	1037790	73.802	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	146835	40.266	ng	99
3) Pyridine	3.516	79	391326	40.291	ng	99
4) n-Nitrosodimethylamine	3.457	42	174889	40.055	ng	99
6) Aniline	6.593	93	504423	38.836	ng	99
8) 2-Chlorophenol	6.716	128	339008	38.991	ng	99
9) Benzaldehyde	6.481	77	356360	45.296	ng	99
10) Phenol	6.581	94	443936	39.657	ng	97
11) bis(2-Chloroethyl)ether	6.657	93	327175	39.111	ng	100
12) 1,3-Dichlorobenzene	6.869	146	382483	39.153	ng	99
13) 1,4-Dichlorobenzene	6.945	146	380754	38.855	ng	99
14) 1,2-Dichlorobenzene	7.098	146	361970	39.014	ng	100
15) Benzyl Alcohol	7.069	79	291861	40.117	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.198	45	517064	38.635	ng	99
17) 2-Methylphenol	7.181	107	276576	39.635	ng	96
18) Hexachloroethane	7.440	117	130737	39.240	ng	96
19) n-Nitroso-di-n-propyla...	7.340	70	229547	38.648	ng	100
20) 3+4-Methylphenols	7.334	107	329524	39.557	ng	99
22) Acetophenone	7.334	105	431226	39.094	ng	100
24) Nitrobenzene	7.510	77	364218	40.446	ng	98
25) Isophorone	7.745	82	641626	40.006	ng	99
26) 2-Nitrophenol	7.822	139	185319	42.012	ng	96
27) 2,4-Dimethylphenol	7.863	122	269222	39.152	ng	99
28) bis(2-Chloroethoxy)met...	7.951	93	393788	39.952	ng	100
29) 2,4-Dichlorophenol	8.069	162	293101	39.911	ng	98
30) 1,2,4-Trichlorobenzene	8.151	180	300378	39.782	ng	99
31) Naphthalene	8.234	128	958228	39.092	ng	100
32) Benzoic acid	7.981	122	141499	37.591	ng	98
33) 4-Chloroaniline	8.275	127	339182	38.986	ng	98
34) Hexachlorobutadiene	8.351	225	196894	39.969	ng	100
35) Caprolactam	8.651	113	77185	43.799	ng	98
36) 4-Chloro-3-methylphenol	8.763	107	297282	40.394	ng	98
37) 2-Methylnaphthalene	8.922	142	635344	38.808	ng	100
38) 1-Methylnaphthalene	9.022	142	605817	38.685	ng	99
40) 1,2,4,5-Tetrachloroben...	9.092	216	310596	39.505	ng	99
41) Hexachlorocyclopentadiene	9.081	237	91199	33.894	ng	99
43) 2,4,6-Trichlorophenol	9.204	196	192667	39.825	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.245	196	212240	40.163	ng	98
46) 1,1'-Biphenyl	9.386	154	758507	38.879	ng	99
47) 2-Chloronaphthalene	9.410	162	597936	39.061	ng	98
48) 2-Nitroaniline	9.504	65	182065	40.640	ng	98
49) Acenaphthylene	9.828	152	856096	39.059	ng	100
50) Dimethylphthalate	9.675	163	671826	40.583	ng	100
51) 2,6-Dinitrotoluene	9.745	165	141216	41.159	ng	99
52) Acenaphthene	9.998	154	565670	38.011	ng	99
53) 3-Nitroaniline	9.916	138	147101	39.678	ng	99
54) 2,4-Dinitrophenol	10.022	184	44950	28.170	ng	89
55) Dibenzofuran	10.169	168	825740	38.919	ng	98
56) 4-Nitrophenol	10.081	139	84274	38.203	ng	94
57) 2,4-Dinitrotoluene	10.151	165	187283	40.880	ng	99
58) Fluorene	10.516	166	625227	38.288	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	157108	40.017	ng	100
60) Diethylphthalate	10.381	149	613793	41.355	ng	100
61) 4-Chlorophenyl-phenyle...	10.504	204	318396	38.987	ng	99
62) 4-Nitroaniline	10.528	138	134532	39.506	ng	97
63) Azobenzene	10.663	77	602578	39.155	ng	99
65) 4,6-Dinitro-2-methylph...	10.563	198	85050	37.226	ng	98
66) n-Nitrosodiphenylamine	10.622	169	522417	40.062	ng	98
67) 4-Bromophenyl-phenylether	10.992	248	198971	41.154	ng	97
68) Hexachlorobenzene	11.069	284	209043	40.112	ng	100
69) Atrazine	11.145	200	153390	45.568	ng	99
70) Pentachlorophenol	11.263	266	90936	38.100	ng	100
71) Phenanthrene	11.480	178	851106	39.223	ng	99
72) Anthracene	11.528	178	860520	39.146	ng	99
73) Carbazole	11.680	167	697205	38.707	ng	99
74) Di-n-butylphthalate	12.010	149	751456	44.721	ng	100
75) Fluoranthene	12.669	202	726991	37.338	ng	99
77) Benzidine	12.786	184	233194	39.014	ng	99
78) Pyrene	12.898	202	723572	35.848	ng	100
80) Butylbenzylphthalate	13.504	149	241048	43.715	ng	97
81) Benzo(a)anthracene	14.086	228	612793	38.789	ng	99
82) 3,3'-Dichlorobenzidine	14.045	252	192601	42.571	ng	99
83) Chrysene	14.121	228	569457	40.110	ng	100
84) Bis(2-ethylhexyl)phtha...	14.069	149	353573	42.100	ng	100
85) Di-n-octyl phthalate	14.680	149	653491	42.003	ng	100
87) Indeno(1,2,3-cd)pyrene	17.127	276	829688	39.018	ng	100
88) Benzo(b)fluoranthene	15.151	252	671954	40.852	ng	99
89) Benzo(k)fluoranthene	15.180	252	596771	37.893	ng	100
90) Benzo(a)pyrene	15.533	252	613387	40.175	ng	100
91) Dibenzo(a,h)anthracene	17.139	278	670989	39.400	ng	99
92) Benzo(g,h,i)perylene	17.586	276	642548	37.945	ng	99

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

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