Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
Data File : BF142882.D
Acq On : 27 Jun 2025 09:51
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 27 11:46:40 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 24 05:28:21 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	70500	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	264550	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	140000	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	234291	20.000	ng	0.00
76) Chrysene-d12	14.057	240	139168	20.000	ng	0.00
86) Perylene-d12	15.545	264	151209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	357569	84.443	ng	0.00
7) Phenol-d6	6.510	99	415394	83.149	ng	0.00
23) Nitrobenzene-d5	7.445	82	477762	99.057	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	121734	84.497	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	998745	93.716	ng	0.00
79) Terphenyl-d14	12.998	244	871106	86.486	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.628	88	68061	40.186	ng	99
3) Pyridine	3.405	79	171908	40.487	ng	99
4) n-Nitrosodimethylamine	3.352	42	88749	40.420	ng	99
6) Aniline	6.540	93	276214	41.552	ng	97
8) 2-Chlorophenol	6.663	128	193634	42.392	ng	97
9) Benzaldehyde	6.428	77	105877	35.722	ng	99
10) Phenol	6.522	94	228233	41.099	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	163774	41.264	ng	98
12) 1,3-Dichlorobenzene	6.816	146	213093	41.714	ng	99
13) 1,4-Dichlorobenzene	6.893	146	220329	42.749	ng	99
14) 1,2-Dichlorobenzene	7.045	146	205480	42.033	ng	99
15) Benzyl Alcohol	7.022	79	152439	42.208	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	252551	39.605	ng	97
17) 2-Methylphenol	7.134	107	144657	41.790	ng	98
18) Hexachloroethane	7.387	117	76850	42.629	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	121595	41.849	ng	97
20) 3+4-Methylphenols	7.287	107	180389	41.797	ng	95
22) Acetophenone	7.287	105	242192	41.515	ng	98
24) Nitrobenzene	7.463	77	180776	41.412	ng	99
25) Isophorone	7.704	82	322599	41.696	ng	99
26) 2-Nitrophenol	7.781	139	103609	43.570	ng	97
27) 2,4-Dimethylphenol	7.816	122	174240	42.301	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	205343	41.746	ng	99
29) 2,4-Dichlorophenol	8.022	162	156473	41.895	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	170514	41.519	ng	99
31) Naphthalene	8.187	128	540387	41.731	ng	99
32) Benzoic acid	7.928	122	88699	42.249	ng	96
33) 4-Chloroaniline	8.234	127	221895	42.142	ng	97
34) Hexachlorobutadiene	8.298	225	104342	41.536	ng	99
35) Caprolactam	8.604	113	45431	46.097	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	157062	42.314	ng	99
37) 2-Methylnaphthalene	8.875	142	333334	41.521	ng	99
38) 1-Methylnaphthalene	8.975	142	347469	41.811	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	169797	41.104	ng	99
41) Hexachlorocyclopentadiene	9.028	237	85906	36.646	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	110019	40.872	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	117411	41.435	ng	99
46) 1,1'-Biphenyl	9.339	154	453330	40.991	ng	100
47) 2-Chloronaphthalene	9.369	162	337318	40.645	ng	99
48) 2-Nitroaniline	9.463	65	98089	42.158	ng	97
49) Acenaphthylene	9.781	152	561931	41.130	ng	99
50) Dimethylphthalate	9.639	163	385972	42.591	ng	100
51) 2,6-Dinitrotoluene	9.704	165	83923	42.169	ng	98
52) Acenaphthene	9.957	154	345883	41.495	ng	99
53) 3-Nitroaniline	9.875	138	93460	42.653	ng	99
54) 2,4-Dinitrophenol	9.986	184	40658	40.800	ng	93
55) Dibenzofuran	10.128	168	489849	40.981	ng	99
56) 4-Nitrophenol	10.034	139	60360	40.238	ng	96
57) 2,4-Dinitrotoluene	10.110	165	114910	43.469	ng	99
58) Fluorene	10.469	166	387127	41.470	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	95093	41.633	ng	96
60) Diethylphthalate	10.339	149	383081	43.114	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	186438	41.853	ng	98
62) 4-Nitroaniline	10.486	138	90481	45.151	ng	98
63) Azobenzene	10.622	77	324727	40.890	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	60921	42.988	ng	99
66) n-Nitrosodiphenylamine	10.581	169	332341	40.929	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	110475	41.431	ng	98
68) Hexachlorobenzene	11.022	284	120962	40.826	ng	98
69) Atrazine	11.104	200	95659	45.621	ng	99
70) Pentachlorophenol	11.216	266	58852	39.862	ng	98
71) Phenanthrene	11.433	178	517710	40.792	ng	99
72) Anthracene	11.486	178	532425	40.904	ng	99
73) Carbazole	11.639	167	469739	41.819	ng	99
74) Di-n-butylphthalate	11.963	149	532302	45.490	ng	100
75) Fluoranthene	12.622	202	503645	41.814	ng	100
77) Benzidine	12.745	184	213892	40.907	ng	99
78) Pyrene	12.857	202	500872	38.396	ng	99
80) Butylbenzylphthalate	13.469	149	172705	45.642	ng	97
81) Benzo(a)anthracene	14.045	228	386926	41.213	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	130270	42.779	ng	99
83) Chrysene	14.080	228	343961	41.058	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	245032	45.007	ng	99
85) Di-n-octyl phthalate	14.639	149	429047	41.794	ng	99
87) Indeno(1,2,3-cd)pyrene	17.063	276	444330	38.579	ng	98
88) Benzo(b)fluoranthene	15.110	252	369007	42.174	ng	99
89) Benzo(k)fluoranthene	15.139	252	345320	42.185	ng	99
90) Benzo(a)pyrene	15.486	252	353665	41.840	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	362287	38.714	ng	98
92) Benzo(g,h,i)perylene	17.521	276	357781	38.341	ng	98

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

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