Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
Data File : BF142907.D
Acq On : 30 Jun 2025 09:43
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 30 10:06:13 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	62322	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	231666	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	117056	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	191979	20.000	ng	0.00
76) Chrysene-d12	14.057	240	125895	20.000	ng	0.00
86) Perylene-d12	15.545	264	142299	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	315896	84.391	ng	0.00
7) Phenol-d6	6.510	99	364470	82.529	ng	0.00
23) Nitrobenzene-d5	7.445	82	410084	97.094	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	99332	82.462	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	839351	94.197	ng	0.00
79) Terphenyl-d14	12.998	244	743230	81.570	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	60382	40.330	ng	99
3) Pyridine	3.399	79	151864	40.460	ng	97
4) n-Nitrosodimethylamine	3.346	42	76752	39.543	ng	98
6) Aniline	6.540	93	239545	40.765	ng	95
8) 2-Chlorophenol	6.663	128	168394	41.704	ng	98
9) Benzaldehyde	6.428	77	92672	35.370	ng	99
10) Phenol	6.522	94	203652	41.485	ng	97
11) bis(2-Chloroethyl)ether	6.610	93	145209	41.387	ng	99
12) 1,3-Dichlorobenzene	6.816	146	190627	42.212	ng	99
13) 1,4-Dichlorobenzene	6.898	146	192126	42.168	ng	99
14) 1,2-Dichlorobenzene	7.045	146	181204	41.931	ng	99
15) Benzyl Alcohol	7.022	79	131071	41.054	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	216850	38.469	ng	95
17) 2-Methylphenol	7.134	107	124399	40.654	ng	99
18) Hexachloroethane	7.387	117	66957	42.015	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	101541	39.533	ng	97
20) 3+4-Methylphenols	7.287	107	156915	41.128	ng	95
22) Acetophenone	7.287	105	212319	41.561	ng	99
24) Nitrobenzene	7.463	77	156099	40.834	ng	98
25) Isophorone	7.698	82	269884	39.834	ng	100
26) 2-Nitrophenol	7.781	139	87880	42.201	ng	98
27) 2,4-Dimethylphenol	7.816	122	147680	40.942	ng	100
28) bis(2-Chloroethoxy)met...	7.910	93	173376	40.251	ng	99
29) 2,4-Dichlorophenol	8.022	162	137059	41.906	ng	98
30) 1,2,4-Trichlorobenzene	8.104	180	151518	42.130	ng	98
31) Naphthalene	8.187	128	464927	41.000	ng	99
32) Benzoic acid	7.922	122	71739	39.021	ng	98
33) 4-Chloroaniline	8.234	127	184149	39.938	ng	99
34) Hexachlorobutadiene	8.298	225	93018	42.284	ng	99
35) Caprolactam	8.604	113	35548	41.189	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	130720	40.216	ng	100
37) 2-Methylnaphthalene	8.875	142	284887	40.523	ng	100
38) 1-Methylnaphthalene	8.975	142	294177	40.423	ng	100
40) 1,2,4,5-Tetrachloroben...	9.045	216	144263	41.768	ng	99
41) Hexachlorocyclopentadiene	9.028	237	68309	34.851	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	90681	40.291	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	97330	41.081	ng	100
46) 1,1'-Biphenyl	9.339	154	384186	41.548	ng	100
47) 2-Chloronaphthalene	9.369	162	287389	41.416	ng	99
48) 2-Nitroaniline	9.463	65	80562	41.412	ng	96
49) Acenaphthylene	9.781	152	467813	40.953	ng	99
50) Dimethylphthalate	9.639	163	312435	41.234	ng	99
51) 2,6-Dinitrotoluene	9.704	165	68650	41.256	ng	98
52) Acenaphthene	9.951	154	285413	40.951	ng	99
53) 3-Nitroaniline	9.875	138	75598	41.264	ng	99
54) 2,4-Dinitrophenol	9.981	184	32040	38.454	ng	98
55) Dibenzofuran	10.128	168	407238	40.748	ng	99
56) 4-Nitrophenol	10.033	139	48008	38.276	ng	94
57) 2,4-Dinitrotoluene	10.110	165	93408	42.261	ng	98
58) Fluorene	10.469	166	316598	40.562	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	77884	40.783	ng	98
60) Diethylphthalate	10.339	149	303601	40.866	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	151892	40.781	ng	97
62) 4-Nitroaniline	10.486	138	72382	43.199	ng	98
63) Azobenzene	10.622	77	268451	40.430	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	47645	41.030	ng	98
66) n-Nitrosodiphenylamine	10.581	169	271259	40.769	ng	98
67) 4-Bromophenyl-phenylether	10.951	248	88071	40.309	ng	98
68) Hexachlorobenzene	11.022	284	99469	40.971	ng	96
69) Atrazine	11.104	200	76809	44.704	ng	99
70) Pentachlorophenol	11.216	266	48635	40.202	ng	99
71) Phenanthrene	11.433	178	426456	41.007	ng	100
72) Anthracene	11.486	178	437357	41.006	ng	99
73) Carbazole	11.639	167	390569	42.435	ng	100
74) Di-n-butylphthalate	11.969	149	439340	45.821	ng	100
75) Fluoranthene	12.627	202	421448	42.701	ng	99
77) Benzidine	12.745	184	190945	40.369	ng	99
78) Pyrene	12.857	202	425144	36.027	ng	100
80) Butylbenzylphthalate	13.469	149	155871	45.536	ng	97
81) Benzo(a)anthracene	14.045	228	342180	40.290	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	118151	42.890	ng	99
83) Chrysene	14.080	228	313473	41.364	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	229682	46.636	ng	100
85) Di-n-octyl phthalate	14.639	149	414239	44.605	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	435524	40.182	ng	99
88) Benzo(b)fluoranthene	15.110	252	335120	40.699	ng	100
89) Benzo(k)fluoranthene	15.139	252	330994	42.966	ng	99
90) Benzo(a)pyrene	15.486	252	331094	41.623	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	355675	40.387	ng	99
92) Benzo(g,h,i)perylene	17.521	276	354249	40.339	ng	99

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

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