Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063025\
Data File : BF142916.D
Acq On : 30 Jun 2025 15:35
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jun 30 16:05:54 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	68508	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	263015	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	132502	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	208976	20.000	ng	0.00
76) Chrysene-d12	14.057	240	119597	20.000	ng	0.00
86) Perylene-d12	15.545	264	138896	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	344874	83.813	ng	0.00
7) Phenol-d6	6.504	99	402568	82.924	ng	0.00
23) Nitrobenzene-d5	7.446	82	459090	95.742	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	109677	80.436	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	951512	94.336	ng	0.00
79) Terphenyl-d14	12.992	244	744658	86.030	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	67057	40.744	ng	99
3) Pyridine	3.393	79	168805	40.912	ng	97
4) n-Nitrosodimethylamine	3.346	42	85497	40.071	ng	100
6) Aniline	6.540	93	262858	40.693	ng	98
8) 2-Chlorophenol	6.657	128	186952	42.119	ng	99
9) Benzaldehyde	6.428	77	102673	35.648	ng	97
10) Phenol	6.522	94	222234	41.183	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	161246	41.808	ng	97
12) 1,3-Dichlorobenzene	6.816	146	208612	42.024	ng	99
13) 1,4-Dichlorobenzene	6.893	146	209231	41.776	ng	99
14) 1,2-Dichlorobenzene	7.046	146	198069	41.695	ng	99
15) Benzyl Alcohol	7.016	79	148107	42.201	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	243192	39.247	ng	97
17) 2-Methylphenol	7.128	107	140161	41.669	ng	99
18) Hexachloroethane	7.387	117	74549	42.555	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	116754	41.351	ng	99
20) 3+4-Methylphenols	7.287	107	176563	42.100	ng	92
22) Acetophenone	7.287	105	236837	40.834	ng	99
24) Nitrobenzene	7.463	77	176704	40.715	ng	97
25) Isophorone	7.698	82	306270	39.816	ng	99
26) 2-Nitrophenol	7.775	139	99248	41.980	ng	99
27) 2,4-Dimethylphenol	7.810	122	166480	40.653	ng	99
28) bis(2-Chloroethoxy)met...	7.904	93	196749	40.233	ng	100
29) 2,4-Dichlorophenol	8.016	162	153557	41.355	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	168605	41.294	ng	99
31) Naphthalene	8.181	128	522070	40.552	ng	100
32) Benzoic acid	7.922	122	82172	39.368	ng	96
33) 4-Chloroaniline	8.234	127	210114	40.137	ng	98
34) Hexachlorobutadiene	8.298	225	103989	41.637	ng	99
35) Caprolactam	8.604	113	39636	40.452	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	147571	39.989	ng	99
37) 2-Methylnaphthalene	8.875	142	319226	39.996	ng	99
38) 1-Methylnaphthalene	8.975	142	331787	40.157	ng	99
40) 1,2,4,5-Tetrachloroben...	9.040	216	163796	41.895	ng	100
41) Hexachlorocyclopentadiene	9.028	237	86115	38.814	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	103910	40.786	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	111614	41.618	ng	98
46) 1,1'-Biphenyl	9.339	154	430882	41.166	ng	99
47) 2-Chloronaphthalene	9.363	162	323479	41.183	ng	99
48) 2-Nitroaniline	9.463	65	90823	41.244	ng	97
49) Acenaphthylene	9.781	152	531028	41.068	ng	100
50) Dimethylphthalate	9.639	163	355805	41.484	ng	100
51) 2,6-Dinitrotoluene	9.704	165	77526	41.159	ng	97
52) Acenaphthene	9.951	154	324284	41.105	ng	100
53) 3-Nitroaniline	9.875	138	84847	40.913	ng	97
54) 2,4-Dinitrophenol	9.981	184	36299	38.487	ng	98
55) Dibenzofuran	10.122	168	459786	40.643	ng	99
56) 4-Nitrophenol	10.034	139	54929	38.689	ng	98
57) 2,4-Dinitrotoluene	10.110	165	103972	41.557	ng	98
58) Fluorene	10.469	166	359673	40.709	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	87898	40.661	ng	96
60) Diethylphthalate	10.334	149	347233	41.290	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	172893	41.008	ng	99
62) 4-Nitroaniline	10.486	138	77148	40.676	ng	99
63) Azobenzene	10.616	77	302972	40.310	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	53383	42.233	ng	94
66) n-Nitrosodiphenylamine	10.575	169	306376	42.302	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	102020	42.895	ng	98
68) Hexachlorobenzene	11.016	284	110800	41.926	ng	98
69) Atrazine	11.104	200	82366	44.040	ng	99
70) Pentachlorophenol	11.216	266	51697	39.257	ng	100
71) Phenanthrene	11.433	178	466124	41.176	ng	100
72) Anthracene	11.486	178	483953	41.684	ng	100
73) Carbazole	11.639	167	411637	41.086	ng	100
74) Di-n-butylphthalate	11.963	149	455227	43.616	ng	100
75) Fluoranthene	12.622	202	426616	39.709	ng	100
77) Benzidine	12.745	184	178477	39.720	ng	99
78) Pyrene	12.851	202	421635	37.611	ng	99
80) Butylbenzylphthalate	13.469	149	146881	45.169	ng	96
81) Benzo(a)anthracene	14.045	228	335121	41.537	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	114867	43.894	ng	99
83) Chrysene	14.080	228	295981	41.112	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	213211	45.571	ng	99
85) Di-n-octyl phthalate	14.639	149	379422	43.008	ng	99
87) Indeno(1,2,3-cd)pyrene	17.063	276	420863	39.781	ng	99
88) Benzo(b)fluoranthene	15.110	252	333841	41.537	ng	100
89) Benzo(k)fluoranthene	15.139	252	308026	40.964	ng	99
90) Benzo(a)pyrene	15.486	252	326252	42.019	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	344249	40.047	ng	98
92) Benzo(g,h,i)perylene	17.521	276	337617	39.387	ng	99

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

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