Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070325\
Data File : BF142987.D
Acq On : 03 Jul 2025 09:55
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jul 03 11:17:06 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	62161	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	229765	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	116751	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	185461	20.000	ng	0.00
76) Chrysene-d12	14.051	240	107728	20.000	ng	0.00
86) Perylene-d12	15.545	264	131364	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	287239	76.934	ng	0.00
7) Phenol-d6	6.510	99	335649	76.199	ng	0.00
23) Nitrobenzene-d5	7.440	82	352226	84.085	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	93379	77.722	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	759551	85.464	ng	-0.01
79) Terphenyl-d14	12.992	244	598225	76.727	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	53465	35.803	ng	99
3) Pyridine	3.399	79	134024	35.799	ng	98
4) n-Nitrosodimethylamine	3.346	42	70336	36.332	ng	97
6) Aniline	6.540	93	218104	37.212	ng	97
8) 2-Chlorophenol	6.663	128	156373	38.827	ng	96
9) Benzaldehyde	6.428	77	108361	41.465	ng	98
10) Phenol	6.522	94	185049	37.793	ng	90
11) bis(2-Chloroethyl)ether	6.610	93	132714	37.924	ng	97
12) 1,3-Dichlorobenzene	6.816	146	174345	38.707	ng	100
13) 1,4-Dichlorobenzene	6.893	146	175396	38.596	ng	99
14) 1,2-Dichlorobenzene	7.045	146	167185	38.787	ng	100
15) Benzyl Alcohol	7.016	79	122618	38.506	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.146	45	199779	35.533	ng	85
17) 2-Methylphenol	7.128	107	117070	38.358	ng	99
18) Hexachloroethane	7.387	117	61470	38.672	ng	95
19) n-Nitroso-di-n-propyla...	7.287	70	97286	37.974	ng	99
20) 3+4-Methylphenols	7.287	107	149761	39.355	ng	94
22) Acetophenone	7.287	105	199714	39.417	ng	100
24) Nitrobenzene	7.457	77	146546	38.653	ng	99
25) Isophorone	7.698	82	255453	38.016	ng	100
26) 2-Nitrophenol	7.775	139	83211	40.290	ng	100
27) 2,4-Dimethylphenol	7.810	122	132297	36.981	ng	98
28) bis(2-Chloroethoxy)met...	7.904	93	165636	38.772	ng	99
29) 2,4-Dichlorophenol	8.022	162	126088	38.871	ng	99
30) 1,2,4-Trichlorobenzene	8.098	180	138995	38.968	ng	99
31) Naphthalene	8.181	128	441104	39.221	ng	100
32) Benzoic acid	7.922	122	59400	32.577	ng	98
33) 4-Chloroaniline	8.228	127	177185	38.745	ng	99
34) Hexachlorobutadiene	8.292	225	87828	40.255	ng	99
35) Caprolactam	8.604	113	32839	38.365	ng	91
36) 4-Chloro-3-methylphenol	8.710	107	124017	38.469	ng	98
37) 2-Methylnaphthalene	8.875	142	268912	38.568	ng	100
38) 1-Methylnaphthalene	8.969	142	280877	38.914	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	138759	40.279	ng	99
41) Hexachlorocyclopentadiene	9.022	237	62479	31.960	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	88434	39.395	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	94408	39.952	ng	98
46) 1,1'-Biphenyl	9.339	154	365699	39.652	ng	100
47) 2-Chloronaphthalene	9.363	162	273280	39.486	ng	100
48) 2-Nitroaniline	9.457	65	75404	38.861	ng	99
49) Acenaphthylene	9.781	152	443510	38.927	ng	100
50) Dimethylphthalate	9.634	163	298300	39.472	ng	100
51) 2,6-Dinitrotoluene	9.704	165	64947	39.133	ng	95
52) Acenaphthene	9.951	154	273709m	39.375	ng	
53) 3-Nitroaniline	9.869	138	70835	38.765	ng	98
54) 2,4-Dinitrophenol	9.986	184	30559	36.773	ng	96
55) Dibenzofuran	10.122	168	381239	38.246	ng	99
56) 4-Nitrophenol	10.039	139	52736	42.156	ng	98
57) 2,4-Dinitrotoluene	10.110	165	85245	38.668	ng	94
58) Fluorene	10.469	166	307774	39.535	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	72431	38.026	ng	95
60) Diethylphthalate	10.334	149	293374	39.592	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	146416	39.414	ng	99
62) 4-Nitroaniline	10.486	138	63187	37.809	ng	98
63) Azobenzene	10.616	77	250925	37.889	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	43324	38.620	ng	97
66) n-Nitrosodiphenylamine	10.575	169	257976	40.136	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	85828	40.663	ng	96
68) Hexachlorobenzene	11.016	284	91556	39.037	ng	98
69) Atrazine	11.098	200	70039	42.197	ng	100
70) Pentachlorophenol	11.216	266	41380	35.407	ng	99
71) Phenanthrene	11.433	178	391835	39.002	ng	100
72) Anthracene	11.480	178	406285	39.432	ng	100
73) Carbazole	11.639	167	340680	38.315	ng	100
74) Di-n-butylphthalate	11.963	149	386639	41.741	ng	99
75) Fluoranthene	12.622	202	357341	37.478	ng	99
77) Benzidine	12.745	184	196289	48.497	ng	99
78) Pyrene	12.851	202	400958	39.708	ng	99
80) Butylbenzylphthalate	13.463	149	132794	45.336	ng	96
81) Benzo(a)anthracene	14.039	228	293122	40.334	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	100692	42.716	ng	98
83) Chrysene	14.080	228	248524	38.324	ng	99
84) Bis(2-ethylhexyl)phtha...	14.022	149	198476	47.096	ng	99
85) Di-n-octyl phthalate	14.633	149	366137	46.074	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	370993	37.078	ng	98
88) Benzo(b)fluoranthene	15.110	252	305182	40.149	ng	99
89) Benzo(k)fluoranthene	15.133	252	266707	37.503	ng	100
90) Benzo(a)pyrene	15.486	252	286573	39.025	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	300677	36.984	ng	98
92) Benzo(g,h,i)perylene	17.521	276	289923	35.763	ng	98

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

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