Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091925\
Data File : BP025792.D
Acq On : 19 Sep 2025 10:12
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 19 11:23:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP091225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 11 16:45:04 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.749	152	182285	20.000	ng	-0.01
21) Naphthalene-d8	10.513	136	709982	20.000	ng	-0.01
39) Acenaphthene-d10	14.366	164	456027	20.000	ng	-0.01
64) Phenanthrene-d10	17.172	188	907902	20.000	ng	-0.01
76) Chrysene-d12	21.619	240	942075	20.000	ng	-0.02
86) Perylene-d12	24.971	264	1041355	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.372	112	895085	79.231	ng	-0.01
7) Phenol-d6	6.937	99	1138627	75.828	ng	-0.01
23) Nitrobenzene-d5	8.890	82	1266219	78.670	ng	-0.01
42) 2,4,6-Tribromophenol	15.884	330	426036	74.900	ng	-0.02
45) 2-Fluorobiphenyl	12.978	172	2685022	78.397	ng	-0.01
79) Terphenyl-d14	19.895	244	4070528	77.731	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.308	88	189430	39.952	ng	99
3) Pyridine	3.702	79	505325	38.705	ng	99
4) n-Nitrosodimethylamine	3.614	42	238318	38.684	ng	97
6) Aniline	7.084	93	767229	37.221	ng	99
8) 2-Chlorophenol	7.325	128	477523	38.530	ng	100
9) Benzaldehyde	6.902	77	388347	43.148	ng	99
10) Phenol	6.960	94	601914	38.015	ng	99
11) bis(2-Chloroethyl)ether	7.178	93	485488	38.164	ng	98
12) 1,3-Dichlorobenzene	7.637	146	538870	38.204	ng	99
13) 1,4-Dichlorobenzene	7.784	146	547804	38.127	ng	99
14) 1,2-Dichlorobenzene	8.096	146	527776	37.811	ng	99
15) Benzyl Alcohol	7.990	79	447530	36.068	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.266	45	816681	39.257	ng	100
17) 2-Methylphenol	8.190	107	402565	37.711	ng	99
18) Hexachloroethane	8.813	117	214072	39.006	ng	96
19) n-Nitroso-di-n-propyla...	8.543	70	385866	36.843	ng	98
20) 3+4-Methylphenols	8.519	107	534905	35.779	ng	98
22) Acetophenone	8.560	105	742554	39.137	ng	98
24) Nitrobenzene	8.931	77	571100	39.552	ng	99
25) Isophorone	9.460	82	1075754	38.025	ng	100
26) 2-Nitrophenol	9.637	139	259273	40.443	ng	94
27) 2,4-Dimethylphenol	9.701	122	443153	39.403	ng	99
28) bis(2-Chloroethoxy)met...	9.925	93	653195	39.943	ng	99
29) 2,4-Dichlorophenol	10.178	162	441144	39.341	ng	99
30) 1,2,4-Trichlorobenzene	10.378	180	495786	39.231	ng	100
31) Naphthalene	10.560	128	1471643	38.441	ng	100
32) Benzoic acid	9.866	122	300739	35.967	ng	98
33) 4-Chloroaniline	10.678	127	623460	39.073	ng	98
34) Hexachlorobutadiene	10.843	225	310106	38.118	ng	99
35) Caprolactam	11.466	113	153394	35.486	ng	98
36) 4-Chloro-3-methylphenol	11.807	107	504088	37.706	ng	95
37) 2-Methylnaphthalene	12.172	142	927698	37.729	ng	99
38) 1-Methylnaphthalene	12.395	142	985022	37.567	ng	99
40) 1,2,4,5-Tetrachloroben...	12.543	216	553393	40.046	ng	99
41) Hexachlorocyclopentadiene	12.525	237	295205	39.223	ng	99
43) 2,4,6-Trichlorophenol	12.790	196	368519	40.566	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.872	196	405133	40.071	ng		98
46) 1,1'-Biphenyl	13.190	154	1347926	40.269	ng		99
47) 2-Chloronaphthalene	13.231	162	1039390	39.436	ng		100
48) 2-Nitroaniline	13.437	65	353587	40.246	ng		99
49) Acenaphthylene	14.084	152	1685485	38.596	ng		100
50) Dimethylphthalate	13.819	163	1330258	38.208	ng		100
51) 2,6-Dinitrotoluene	13.937	165	298163	40.422	ng		98
52) Acenaphthene	14.431	154	964200	38.287	ng		99
53) 3-Nitroaniline	14.272	138	309286	39.873	ng		98
54) 2,4-Dinitrophenol	14.489	184	162528	36.669	ng		97
55) Dibenzofuran	14.772	168	1560894	38.029	ng		99
56) 4-Nitrophenol	14.619	139	222178	35.879	ng		96
57) 2,4-Dinitrotoluene	14.742	165	417167	39.739	ng		97
58) Fluorene	15.431	166	1225236	37.540	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.007	232	352862	38.744	ng		100
60) Diethylphthalate	15.201	149	1346248	38.120	ng		100
61) 4-Chlorophenyl-phenyle...	15.425	204	610122	37.092	ng		99
62) 4-Nitroaniline	15.460	138	320370	40.315	ng		96
63) Azobenzene	15.725	77	1329803	38.943	ng		99
65) 4,6-Dinitro-2-methylph...	15.519	198	242720	40.200	ng		94
66) n-Nitrosodiphenylamine	15.642	169	1119243	40.284	ng		99
67) 4-Bromophenyl-phenylether	16.342	248	399920	40.096	ng		99
68) Hexachlorobenzene	16.460	284	428979	38.568	ng		100
69) Atrazine	16.625	200	417777	39.337	ng		99
70) Pentachlorophenol	16.819	266	289989	39.503	ng		99
71) Phenanthrene	17.213	178	2011975	39.066	ng		99
72) Anthracene	17.307	178	2068305	39.581	ng		99
73) Carbazole	17.589	167	1911519	39.347	ng		99
74) Di-n-butylphthalate	18.183	149	2367988	39.719	ng		99
75) Fluoranthene	19.307	202	2431574	39.367	ng		100
77) Benzidine	19.495	184	1501103	55.316	ng		100
78) Pyrene	19.683	202	2496299	39.712	ng		99
80) Butylbenzylphthalate	20.624	149	1126336	40.866	ng		96
81) Benzo(a)anthracene	21.595	228	2483673	38.509	ng		100
82) 3,3'-Dichlorobenzidine	21.519	252	897608	40.250	ng		100
83) Chrysene	21.666	228	2409723	39.195	ng		99
84) Bis(2-ethylhexyl)phtha...	21.530	149	1628520	40.386	ng		98
85) Di-n-octyl phthalate	22.807	149	2871445	40.032	ng		99
87) Indeno(1,2,3-cd)pyrene	28.789	276	3017238	39.842	ng	#	75
88) Benzo(b)fluoranthene	23.918	252	2528190	39.701	ng		100
89) Benzo(k)fluoranthene	23.989	252	2565509	39.480	ng		100
90) Benzo(a)pyrene	24.824	252	2454556	39.359	ng		99
91) Dibenzo(a,h)anthracene	28.871	278	2462140	39.730	ng		98
92) Benzo(g,h,i)perylene	30.000	276	2431400	39.895	ng		97

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

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