Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP073125\
Data File : BP025278.D
Acq On : 31 Jul 2025 13:23
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 31 13:41:11 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 29 15:28:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.366	152	405911	20.000	ng		-0.04
21) Naphthalene-d8	10.113	136	1689904	20.000	ng		-0.03
39) Acenaphthene-d10	14.042	164	1106232	20.000	ng		0.00
64) Phenanthrene-d10	16.854	188	2161354	20.000	ng		-0.02
76) Chrysene-d12	21.307	240	2354041	20.000	ng		0.00
86) Perylene-d12	24.412	264	2746373	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.066	112	1999081	83.213	ng		-0.04
7) Phenol-d6	6.607	99	2573957	86.508	ng		-0.04
23) Nitrobenzene-d5	8.507	82	2623399	86.272	ng		-0.03
42) 2,4,6-Tribromophenol	15.583	330	1295674	79.449	ng		0.00
45) 2-Fluorobiphenyl	12.631	172	6765911	86.227	ng		-0.02
79) Terphenyl-d14	19.636	244	10412023	87.312	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.078	88	368971	40.980	ng		98
3) Pyridine	3.466	79	981312	40.715	ng		97
4) n-Nitrosodimethylamine	3.366	42	431793	45.176	ng		89
6) Aniline	6.731	93	1132920	29.129	ng		99
8) 2-Chlorophenol	6.960	128	1153955	42.335	ng		99
9) Benzaldehyde	6.531	77	723337	35.855	ng		95
10) Phenol	6.637	94	1311003	42.486	ng		97
11) bis(2-Chloroethyl)ether	6.813	93	1135277	47.989	ng		99
12) 1,3-Dichlorobenzene	7.255	146	1271913	41.494	ng		99
13) 1,4-Dichlorobenzene	7.402	146	1283324	41.477	ng		99
14) 1,2-Dichlorobenzene	7.707	146	1241154	41.699	ng		99
15) Benzyl Alcohol	7.625	79	869373	40.507	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.890	45	1332363	44.017	ng		98
17) 2-Methylphenol	7.849	107	922592	43.127	ng		98
18) Hexachloroethane	8.419	117	445151	41.836	ng		98
19) n-Nitroso-di-n-propyla...	8.178	70	796389	44.492	ng		97
20) 3+4-Methylphenols	8.184	107	1223946	41.943	ng	#	50
22) Acetophenone	8.184	105	1650639	41.977	ng	#	93
24) Nitrobenzene	8.549	77	1165078	42.981	ng		96
25) Isophorone	9.078	82	2217866	41.475	ng		99
26) 2-Nitrophenol	9.254	139	641969	41.241	ng		97
27) 2,4-Dimethylphenol	9.349	122	1056835	40.574	ng		98
28) bis(2-Chloroethoxy)met...	9.554	93	1388513	41.513	ng		99
29) 2,4-Dichlorophenol	9.825	162	1076045	40.212	ng		99
30) 1,2,4-Trichlorobenzene	9.984	180	1185810	40.572	ng		100
31) Naphthalene	10.166	128	3599359	41.623	ng		100
32) Benzoic acid	9.566	122	664826m	33.434	ng		
33) 4-Chloroaniline	10.307	127	1247651m	32.822	ng		
34) Hexachlorobutadiene	10.460	225	713850	40.579	ng		99
35) Caprolactam	11.148	113	352583m	39.700	ng		
36) 4-Chloro-3-methylphenol	11.490	107	1101705	41.185	ng		99
37) 2-Methylnaphthalene	11.790	142	2307082	41.087	ng		99
38) 1-Methylnaphthalene	12.025	142	2429754	41.193	ng		99
40) 1,2,4,5-Tetrachloroben...	12.172	216	1335362	40.271	ng		99
41) Hexachlorocyclopentadiene	12.160	237	795503	40.189	ng		99
43) 2,4,6-Trichlorophenol	12.448	196	906706	40.019	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.566	196	973098	39.029	ng		99
46) 1,1'-Biphenyl	12.842	154	3272908	40.813	ng		99
47) 2-Chloronaphthalene	12.878	162	2540522	40.578	ng		99
48) 2-Nitroaniline	13.119	65	674029	42.156	ng		97
49) Acenaphthylene	13.760	152	4252231	41.991	ng		100
50) Dimethylphthalate	13.513	163	3249958	41.079	ng		100
51) 2,6-Dinitrotoluene	13.625	165	720257	41.899	ng		96
52) Acenaphthene	14.107	154	2416957	41.275	ng		99
53) 3-Nitroaniline	13.972	138	690054	35.597	ng		100
54) 2,4-Dinitrophenol	14.201	184	409483	40.204	ng		99
55) Dibenzofuran	14.454	168	3900231	41.234	ng		96
56) 4-Nitrophenol	14.401	139	649988	39.184	ng		93
57) 2,4-Dinitrotoluene	14.436	165	1024020	42.556	ng	#	86
58) Fluorene	15.113	166	3217327	42.845	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.707	232	847513	38.410	ng		96
60) Diethylphthalate	14.919	149	3245719	41.624	ng		100
61) 4-Chlorophenyl-phenyle...	15.125	204	1598855	42.136	ng		96
62) 4-Nitroaniline	15.184	138	692605	35.131	ng		95
63) Azobenzene	15.419	77	2731410	42.985	ng		95
65) 4,6-Dinitro-2-methylph...	15.231	198	607936	43.584	ng		94
66) n-Nitrosodiphenylamine	15.348	169	2722914	41.506	ng		100
67) 4-Bromophenyl-phenylether	16.042	248	1019870	40.432	ng		98
68) Hexachlorobenzene	16.154	284	1214914	40.557	ng		95
69) Atrazine	16.366	200	1058391	43.599	ng		99
70) Pentachlorophenol	16.530	266	886575	43.523	ng		98
71) Phenanthrene	16.901	178	4956996	42.523	ng		99
72) Anthracene	17.013	178	5040007	42.917	ng		100
73) Carbazole	17.301	167	4748882	42.361	ng		100
74) Di-n-butylphthalate	17.907	149	5842979	45.172	ng		99
75) Fluoranthene	19.019	202	5863810	42.741	ng		99
77) Benzidine	19.248	184	2197675	26.592	ng		99
78) Pyrene	19.395	202	6157060	42.419	ng		100
80) Butylbenzylphthalate	20.383	149	2713251	41.296	ng		95
81) Benzo(a)anthracene	21.289	228	6231449	41.918	ng		100
82) 3,3'-Dichlorobenzidine	21.218	252	2314091	37.553	ng		99
83) Chrysene	21.348	228	5792032	41.738	ng		100
84) Bis(2-ethylhexyl)phtha...	21.271	149	4008960	42.672	ng		100
85) Di-n-octyl phthalate	22.454	149	6737225	41.529	ng		99
87) Indeno(1,2,3-cd)pyrene	27.912	276	8385939	41.784	ng		100
88) Benzo(b)fluoranthene	23.436	252	6599013	41.977	ng		99
89) Benzo(k)fluoranthene	23.501	252	6582554	42.414	ng		99
90) Benzo(a)pyrene	24.271	252	6563433	42.791	ng		99
91) Dibenzo(a,h)anthracene	27.995	278	6897232	42.123	ng		97
92) Benzo(g,h,i)perylene	29.012	276	6685645	41.548	ng		98

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

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