Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072125\
Data File : BP025198.D
Acq On : 21 Jul 2025 15:47
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Jul 22 02:29:45 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 22 02:26:08 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.431	152	520728	20.000	ng		0.00
21) Naphthalene-d8	10.178	136	2046616	20.000	ng		0.00
39) Acenaphthene-d10	14.083	164	1320566	20.000	ng		0.00
64) Phenanthrene-d10	16.901	188	2625603	20.000	ng		0.00
76) Chrysene-d12	21.330	240	2939535	20.000	ng		0.00
86) Perylene-d12	24.453	264	3517768	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	602627	19.333	ng		0.00
7) Phenol-d6	6.637	99	742472	19.294	ng		0.00
23) Nitrobenzene-d5	8.560	82	726773	19.470	ng		0.00
42) 2,4,6-Tribromophenol	15.607	330	380466	19.375	ng		0.00
45) 2-Fluorobiphenyl	12.678	172	2013844	20.189	ng		0.00
79) Terphenyl-d14	19.654	244	3414680	21.694	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.119	88	116581	9.952	ng		99
3) Pyridine	3.496	79	296665	9.561	ng		99
4) n-Nitrosodimethylamine	3.408	42	115366	9.421	ng	#	93
6) Aniline	6.772	93	473154	9.455	ng		99
8) 2-Chlorophenol	7.013	128	335129	9.555	ng		99
9) Benzaldehyde	6.596	77	240839	8.757	ng		98
10) Phenol	6.660	94	381137	9.573	ng		99
11) bis(2-Chloroethyl)ether	6.872	93	293018	9.585	ng		98
12) 1,3-Dichlorobenzene	7.325	146	388508	9.764	ng		98
13) 1,4-Dichlorobenzene	7.466	146	389463	9.699	ng		98
14) 1,2-Dichlorobenzene	7.772	146	369794	9.584	ng		98
15) Benzyl Alcohol	7.672	79	260442	9.442	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.954	45	373210	9.518	ng		98
17) 2-Methylphenol	7.878	107	261165	9.483	ng		99
18) Hexachloroethane	8.484	117	132688	9.677	ng		98
19) n-Nitroso-di-n-propyla...	8.231	70	217824	9.392	ng		99
20) 3+4-Methylphenols	8.195	107	352479	9.371	ng		98
22) Acetophenone	8.243	105	478842	9.878	ng	#	98
24) Nitrobenzene	8.607	77	324205	9.800	ng		98
25) Isophorone	9.131	82	627451	9.598	ng		98
26) 2-Nitrophenol	9.307	139	172919	9.287	ng		96
27) 2,4-Dimethylphenol	9.384	122	307178	9.690	ng		99
28) bis(2-Chloroethoxy)met...	9.607	93	399970	9.745	ng		99
29) 2,4-Dichlorophenol	9.831	162	312211	9.603	ng		98
30) 1,2,4-Trichlorobenzene	10.048	180	353497	9.881	ng		99
31) Naphthalene	10.225	128	1041389	9.771	ng		100
32) Benzoic acid	9.472	122	186508	8.056	ng		96
33) 4-Chloroaniline	10.342	127	447675	9.674	ng		99
34) Hexachlorobutadiene	10.519	225	210009	9.775	ng		97
35) Caprolactam	11.107	113	101593	9.495	ng		97
36) 4-Chloro-3-methylphenol	11.484	107	318251	9.801	ng		98
37) 2-Methylnaphthalene	11.860	142	674086	9.778	ng		99
38) 1-Methylnaphthalene	12.078	142	708010	9.738	ng		100
40) 1,2,4,5-Tetrachloroben...	12.236	216	388223	9.708	ng		99
41) Hexachlorocyclopentadiene	12.225	237	190047	8.380	ng		99
43) 2,4,6-Trichlorophenol	12.489	196	260478	9.640	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.560	196	289420	9.717	ng	98
46) 1,1'-Biphenyl	12.895	154	973396	9.969	ng	99
47) 2-Chloronaphthalene	12.936	162	755649	9.989	ng	99
48) 2-Nitroaniline	13.136	65	181056	9.541	ng	95
49) Acenaphthylene	13.795	152	1217151	9.811	ng	98
50) Dimethylphthalate	13.542	163	949801	9.858	ng	100
51) 2,6-Dinitrotoluene	13.654	165	194525	9.537	ng	98
52) Acenaphthene	14.148	154	705723	9.875	ng	100
53) 3-Nitroaniline	13.983	138	222495	9.668	ng	97
54) 2,4-Dinitrophenol	14.195	184	88097	7.708	ng	99
55) Dibenzofuran	14.489	168	1136303	9.821	ng	99
56) 4-Nitrophenol	14.325	139	182691	9.316	ng	97
57) 2,4-Dinitrotoluene	14.454	165	265442	9.342	ng	98
58) Fluorene	15.154	166	912923	9.892	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.736	232	251016	9.520	ng	98
60) Diethylphthalate	14.948	149	929443	9.763	ng	99
61) 4-Chlorophenyl-phenyle...	15.160	204	466528	10.029	ng	99
62) 4-Nitroaniline	15.166	138	223854	9.546	ng	98
63) Azobenzene	15.466	77	741495	9.696	ng	99
65) 4,6-Dinitro-2-methylph...	15.242	198	132736	8.075	ng	99
66) n-Nitrosodiphenylamine	15.389	169	810248	9.909	ng	100
67) 4-Bromophenyl-phenylether	16.089	248	303682	9.810	ng	97
68) Hexachlorobenzene	16.195	284	360593	9.755	ng	96
69) Atrazine	16.372	200	292440	9.812	ng	98
70) Pentachlorophenol	16.548	266	223420	9.080	ng	98
71) Phenanthrene	16.942	178	1465440	10.017	ng	99
72) Anthracene	17.030	178	1482992	9.985	ng	99
73) Carbazole	17.313	167	1406173	9.951	ng	99
74) Di-n-butylphthalate	17.942	149	1638310	9.887	ng	99
75) Fluoranthene	19.048	202	1762633	10.190	ng	99
77) Benzidine	19.248	184	1045235	9.309	ng	99
78) Pyrene	19.424	202	1805942	9.667	ng	99
80) Butylbenzylphthalate	20.407	149	787501	9.553	ng	98
81) Benzo(a)anthracene	21.312	228	1894426	9.908	ng	99
82) 3,3'-Dichlorobenzidine	21.242	252	770405	9.826	ng	98
83) Chrysene	21.377	228	1767347	9.912	ng	99
84) Bis(2-ethylhexyl)phtha...	21.295	149	1177770	9.800	ng	99
85) Di-n-octyl phthalate	22.501	149	2011265	9.601	ng	100
87) Indeno(1,2,3-cd)pyrene	27.977	276	2512454	9.716	ng	99
88) Benzo(b)fluoranthene	23.459	252	2047782	9.982	ng	100
89) Benzo(k)fluoranthene	23.524	252	1965076	9.648	ng	99
90) Benzo(a)pyrene	24.295	252	1933168	9.708	ng	98
91) Dibenzo(a,h)anthracene	28.053	278	2076587	9.792	ng	98
92) Benzo(g,h,i)perylene	29.065	276	2006207	9.658	ng	98

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

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