Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025185.D
Acq On : 17 Jul 2025 19:49
Operator : CG/JU
Sample : Q2597-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
CHRT-26899MS

Quant Time: Jul 18 01:39:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP070325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 03 16:05:44 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.443	152	566281	20.000	ng		0.00
21) Naphthalene-d8	10.190	136	2297749	20.000	ng		0.00
39) Acenaphthene-d10	14.107	164	1494708	20.000	ng		0.02
64) Phenanthrene-d10	16.919	188	2681392	20.000	ng	#	0.01
76) Chrysene-d12	21.366	240	3058243	20.000	ng		0.02
86) Perylene-d12	24.507	264	3857202	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	2652913	83.008	ng		0.00
7) Phenol-d6	6.649	99	3400721	81.538	ng		0.02
23) Nitrobenzene-d5	8.578	82	2084392	60.330	ng		0.01
42) 2,4,6-Tribromophenol	15.631	330	1956397	110.797	ng		0.01
45) 2-Fluorobiphenyl	12.696	172	5876980	60.911	ng		0.00
79) Terphenyl-d14	19.695	244	8814239	63.343	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.120	88	416422	33.507	ng		98
3) Pyridine	3.490	79	1188387	34.927	ng		98
4) n-Nitrosodimethylamine	3.402	42	521074	36.170	ng		90
6) Aniline	6.784	93	1163465	29.857	ng		100
8) 2-Chlorophenol	7.025	128	1641086	45.893	ng		98
9) Benzaldehyde	6.602	77	962231	44.177	ng		96
10) Phenol	6.672	94	1851796	43.697	ng		98
11) bis(2-Chloroethyl)ether	6.884	93	1351799	41.448	ng		98
12) 1,3-Dichlorobenzene	7.337	146	1750319	43.736	ng		99
13) 1,4-Dichlorobenzene	7.478	146	1780892	43.952	ng		98
14) 1,2-Dichlorobenzene	7.784	146	1731409	44.421	ng		100
15) Benzyl Alcohol	7.678	79	1236427	44.417	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.972	45	1687272	39.787	ng		97
17) 2-Methylphenol	7.890	107	1276330	46.755	ng		99
18) Hexachloroethane	8.502	117	608574	46.105	ng		96
19) n-Nitroso-di-n-propyla...	8.243	70	995934	40.265	ng		97
20) 3+4-Methylphenols	8.213	107	1736417	45.413	ng		98
22) Acetophenone	8.255	105	2195135	40.396	ng	#	97
24) Nitrobenzene	8.619	77	1500065	42.625	ng		96
25) Isophorone	9.143	82	2852010	44.171	ng		99
26) 2-Nitrophenol	9.319	139	874004	50.960	ng		98
27) 2,4-Dimethylphenol	9.396	122	1468843	60.984	ng		99
28) bis(2-Chloroethoxy)met...	9.625	93	1802529	41.115	ng		100
29) 2,4-Dichlorophenol	9.849	162	1589260	47.586	ng		99
30) 1,2,4-Trichlorobenzene	10.060	180	1683542	45.520	ng		98
31) Naphthalene	10.237	128	4974154	42.041	ng		100
32) Benzoic acid	9.549	122	1288701	52.839	ng		95
33) 4-Chloroaniline	10.355	127	979479	22.183	ng		98
34) Hexachlorobutadiene	10.537	225	1019791	48.049	ng		99
35) Caprolactam	11.143	113	500377	43.796	ng		97
36) 4-Chloro-3-methylphenol	11.502	107	1562177	44.760	ng		98
37) 2-Methylnaphthalene	11.872	142	3222524	38.602	ng		99
38) 1-Methylnaphthalene	12.096	142	3365670	41.339	ng		99
40) 1,2,4,5-Tetrachloroben...	12.249	216	1962119	45.676	ng		99
41) Hexachlorocyclopentadiene	12.237	237	1417458	126.325	ng		98
43) 2,4,6-Trichlorophenol	12.507	196	1332655	51.233	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.578	196	1478701	50.162	ng		98
46) 1,1'-Biphenyl	12.913	154	4617701	42.460	ng		99
47) 2-Chloronaphthalene	12.948	162	3609174	44.154	ng		99
48) 2-Nitroaniline	13.160	65	926171	46.356	ng		95
49) Acenaphthylene	13.819	152	5887176	47.058	ng		99
50) Dimethylphthalate	13.566	163	4300962	41.106	ng		99
51) 2,6-Dinitrotoluene	13.672	165	1012778	49.631	ng		93
52) Acenaphthene	14.172	154	3366733	41.753	ng		99
53) 3-Nitroaniline	14.007	138	863415	39.482	ng		99
54) 2,4-Dinitrophenol	14.219	184	474306	49.743	ng		93
55) Dibenzofuran	14.513	168	5356954	40.256	ng		100
56) 4-Nitrophenol	14.354	139	1890727	93.687	ng		93
57) 2,4-Dinitrotoluene	14.478	165	1331129	44.642	ng	#	90
58) Fluorene	15.178	166	4125124	40.078	ng		100
59) 2,3,4,6-Tetrachlorophenol	14.748	232	1285428	48.152	ng		96
60) Diethylphthalate	14.984	149	4230747	40.259	ng		98
61) 4-Chlorophenyl-phenyle...	15.178	204	2072889	40.694	ng		98
62) 4-Nitroaniline	15.201	138	946847	41.291	ng		99
63) Azobenzene	15.484	77	3633654	38.830	ng		93
65) 4,6-Dinitro-2-methylph...	15.272	198	337191	30.001	ng		83
66) n-Nitrosodiphenylamine	15.407	169	3633877	47.355	ng		100
67) 4-Bromophenyl-phenylether	16.107	248	1473454	53.669	ng		99
68) Hexachlorobenzene	16.219	284	1672043	49.827	ng		97
69) Atrazine	16.413	200	1380205	61.379	ng		92
70) Pentachlorophenol	16.572	266	2298347	101.415	ng		99
71) Phenanthrene	16.966	178	6290464	43.904	ng		97
72) Anthracene	17.072	178	6507145	47.339	ng		98
73) Carbazole	17.348	167	5930743	44.128	ng		98
74) Di-n-butylphthalate	17.978	149	6931460	46.314	ng		98
75) Fluoranthene	19.078	202	7793937	46.537	ng		98
77) Benzidine	19.283	184	2132879	39.488	ng	#	91
78) Pyrene	19.454	202	8243660	43.520	ng		99
80) Butylbenzylphthalate	20.442	149	3348095	46.040	ng		99
81) Benzo(a)anthracene	21.348	228	8624872	46.537	ng		99
82) 3,3'-Dichlorobenzidine	21.272	252	1461598	26.197	ng	#	98
83) Chrysene	21.407	228	8307910	46.581	ng		99
84) Bis(2-ethylhexyl)phtha...	21.330	149	5522094	55.548	ng	#	97
85) Di-n-octyl phthalate	22.548	149	9443660	51.324	ng		97
87) Indeno(1,2,3-cd)pyrene	28.059	276	12396840m	50.450	ng		
88) Benzo(b)fluoranthene	23.524	252	10449535	46.544	ng		99
89) Benzo(k)fluoranthene	23.595	252	9450570	42.306	ng		99
90) Benzo(a)pyrene	24.371	252	9408317	49.238	ng		100
91) Dibenzo(a,h)anthracene	28.154	278	9747994	47.992	ng		98
92) Benzo(g,h,i)perylene	29.177	276	10086062	48.069	ng		98

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

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