Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025645.D
Acq On : 02 Sep 2025 19:41
Operator : CG/JU
Sample : Q2995-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
RT5427MS

Quant Time: Sep 03 01:04:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.772	152	153487	20.000	ng	-0.02
21) Naphthalene-d8	10.543	136	589126	20.000	ng	-0.02
39) Acenaphthene-d10	14.378	164	385093	20.000	ng	-0.03
64) Phenanthrene-d10	17.172	188	775826	20.000	ng	#-0.03
76) Chrysene-d12	21.630	240	823430	20.000	ng	-0.02
86) Perylene-d12	24.989	264	944676	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.402	112	1186829	128.413	ng	0.00
7) Phenol-d6	6.966	99	1389605	117.272	ng	0.00
23) Nitrobenzene-d5	8.913	82	1017367	87.357	ng	-0.02
42) 2,4,6-Tribromophenol	15.889	330	779420	150.369	ng	-0.02
45) 2-Fluorobiphenyl	12.995	172	2271385	80.611	ng	-0.02
79) Terphenyl-d14	19.901	244	3924686	87.202	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	137518	37.986	ng	# 69
3) Pyridine	3.731	79	336515	33.961	ng	95
4) n-Nitrosodimethylamine	3.631	42	197440	48.332	ng	96
6) Aniline	7.107	93	401190	25.129	ng	97
8) 2-Chlorophenol	7.349	128	480900	46.109	ng	97
9) Benzaldehyde	6.925	77	177904	21.429	ng	97
10) Phenol	6.990	94	520040	41.825	ng	97
11) bis(2-Chloroethyl)ether	7.202	93	433875	44.770	ng	99
12) 1,3-Dichlorobenzene	7.660	146	500472	43.518	ng	97
13) 1,4-Dichlorobenzene	7.807	146	513005	43.643	ng	99
14) 1,2-Dichlorobenzene	8.119	146	488014	42.889	ng	98
15) Benzyl Alcohol	8.007	79	435744	46.281	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.290	45	599924	46.211	ng	96
17) 2-Methylphenol	8.219	107	395183	45.762	ng	99
18) Hexachloroethane	8.837	117	189263	43.792	ng	98
19) n-Nitroso-di-n-propyla...	8.566	70	346015	44.085	ng	96
20) 3+4-Methylphenols	8.543	107	528801	44.177	ng	97
22) Acetophenone	8.584	105	704999	47.719	ng	# 97
24) Nitrobenzene	8.954	77	511768	49.169	ng	99
25) Isophorone	9.484	82	996350	48.342	ng	99
26) 2-Nitrophenol	9.660	139	266060	49.809	ng	98
27) 2,4-Dimethylphenol	9.731	122	459603	50.033	ng	95
28) bis(2-Chloroethoxy)met...	9.948	93	592695	47.573	ng	99
29) 2,4-Dichlorophenol	10.207	162	452198	49.554	ng	97
30) 1,2,4-Trichlorobenzene	10.407	180	457926	45.777	ng	98
31) Naphthalene	10.590	128	1416323	46.255	ng	99
32) Benzoic acid	9.890	122	328849	48.490	ng	97
33) 4-Chloroaniline	10.707	127	164388	12.154	ng	99
34) Hexachlorobutadiene	10.872	225	291903	46.856	ng	99
35) Caprolactam	11.495	113	146130	43.672	ng	98
36) 4-Chloro-3-methylphenol	11.831	107	537449	51.327	ng	97
37) 2-Methylnaphthalene	12.195	142	933629	46.853	ng	99
38) 1-Methylnaphthalene	12.413	142	993897	46.901	ng	98
40) 1,2,4,5-Tetrachloroben...	12.566	216	540632	48.610	ng	99
41) Hexachlorocyclopentadiene	12.542	237	541354	80.582	ng	99
43) 2,4,6-Trichlorophenol	12.813	196	387213	51.570	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.895	196	428404	52.059	ng		97
46) 1,1'-Biphenyl	13.207	154	1355481	48.466	ng		98
47) 2-Chloronaphthalene	13.248	162	1052099	48.322	ng		99
48) 2-Nitroaniline	13.448	65	352062	55.495	ng		96
49) Acenaphthylene	14.101	152	1770170	49.134	ng		100
50) Dimethylphthalate	13.831	163	1450476	51.436	ng		99
51) 2,6-Dinitrotoluene	13.948	165	314326	52.884	ng		90
52) Acenaphthene	14.442	154	1022015	48.328	ng		98
53) 3-Nitroaniline	14.284	138	188533	28.193	ng		94
54) 2,4-Dinitrophenol	14.501	184	350315	110.366	ng		98
55) Dibenzofuran	14.784	168	1651907	49.408	ng		99
56) 4-Nitrophenol	14.625	139	487530	88.720	ng		93
57) 2,4-Dinitrotoluene	14.748	165	457260	53.921	ng		93
58) Fluorene	15.436	166	1316776	49.912	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.019	232	377700	51.981	ng		98
60) Diethylphthalate	15.213	149	1502759	52.445	ng		99
61) 4-Chlorophenyl-phenyle...	15.431	204	660105	50.310	ng		98
62) 4-Nitroaniline	15.460	138	333189	48.601	ng		92
63) Azobenzene	15.731	77	1308125	53.316	ng		99
65) 4,6-Dinitro-2-methylph...	15.531	198	253941	52.509	ng		96
66) n-Nitrosodiphenylamine	15.654	169	1181366	49.935	ng		99
67) 4-Bromophenyl-phenylether	16.342	248	428736	50.246	ng		98
68) Hexachlorobenzene	16.460	284	507159	51.274	ng		97
69) Atrazine	16.631	200	459104	51.818	ng		97
70) Pentachlorophenol	16.825	266	678901	108.732	ng		97
71) Phenanthrene	17.219	178	2140019	50.213	ng		100
72) Anthracene	17.313	178	2179930	50.088	ng		100
73) Carbazole	17.595	167	2090564	50.997	ng		99
74) Di-n-butylphthalate	18.177	149	2653828	52.617	ng		100
75) Fluoranthene	19.307	202	2552593	50.212	ng		99
77) Benzidine	19.507	184	477806	17.003	ng		99
78) Pyrene	19.683	202	2634311	49.221	ng		100
80) Butylbenzylphthalate	20.630	149	1284413	52.952	ng		100
81) Benzo(a)anthracene	21.607	228	2720443	50.095	ng		100
82) 3,3'-Dichlorobenzidine	21.524	252	645505	31.536	ng		98
83) Chrysene	21.677	228	2540040	49.945	ng		99
84) Bis(2-ethylhexyl)phtha...	21.542	149	1880919	52.678	ng		99
85) Di-n-octyl phthalate	22.824	149	3310136	53.897	ng		98
87) Indeno(1,2,3-cd)pyrene	28.824	276	3481133	50.248	ng	#	88
88) Benzo(b)fluoranthene	23.924	252	2810941	50.461	ng		99
89) Benzo(k)fluoranthene	23.995	252	2767299	49.644	ng		98
90) Benzo(a)pyrene	24.830	252	2664690	49.142	ng		100
91) Dibenzo(a,h)anthracene	28.900	278	2831306	50.010	ng		98
92) Benzo(g,h,i)perylene	30.024	276	2787174	50.082	ng		98

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

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