Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP100325\
Data File : BP025919.D
Acq On : 03 Oct 2025 18:24
Operator : CG/JU
Sample : Q3270-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SG-1-TEST-PITMSD

Quant Time: Oct 03 18:44:36 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	7.737	152	177497	20.000	ng		-0.02
21) Naphthalene-d8	10.502	136	702843	20.000	ng		-0.02
39) Acenaphthene-d10	14.354	164	461740	20.000	ng		-0.02
64) Phenanthrene-d10	17.160	188	950345	20.000	ng		-0.02
76) Chrysene-d12	21.607	240	928070	20.000	ng		-0.04
86) Perylene-d12	24.942	264	1030879	20.000	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.372	112	1143540	103.954	ng		-0.01
7) Phenol-d6	6.937	99	1501470	102.689	ng		-0.01
23) Nitrobenzene-d5	8.884	82	923836	57.981	ng		-0.02
42) 2,4,6-Tribromophenol	15.878	330	614691	106.730	ng		-0.03
45) 2-Fluorobiphenyl	12.960	172	1931811	55.707	ng		-0.03
79) Terphenyl-d14	19.872	244	3008255	58.313	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.296	88	167459	36.271	ng		96
3) Pyridine	3.696	79	472869	37.196	ng		93
4) n-Nitrosodimethylamine	3.602	42	227321	37.894	ng		93
6) Aniline	7.078	93	553971	27.600	ng		99
8) 2-Chlorophenol	7.319	128	563805	46.720	ng		98
9) Benzaldehyde	6.896	77	297030	33.893	ng		99
10) Phenol	6.966	94	707080	45.862	ng		98
11) bis(2-Chloroethyl)ether	7.172	93	538158	43.446	ng		95
12) 1,3-Dichlorobenzene	7.631	146	596265	43.413	ng		98
13) 1,4-Dichlorobenzene	7.772	146	610140	43.611	ng		100
14) 1,2-Dichlorobenzene	8.084	146	589848	43.398	ng		99
15) Benzyl Alcohol	7.978	79	528040	43.704	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.255	45	796255	39.308	ng		97
17) 2-Methylphenol	8.190	107	468232	45.046	ng		99
18) Hexachloroethane	8.802	117	232994	43.599	ng		100
19) n-Nitroso-di-n-propyla...	8.537	70	417983	40.986	ng		95
20) 3+4-Methylphenols	8.519	107	636135	43.698	ng		97
22) Acetophenone	8.555	105	913569	48.639	ng	#	97
24) Nitrobenzene	8.925	77	621989	43.514	ng		97
25) Isophorone	9.449	82	1181922	42.203	ng		99
26) 2-Nitrophenol	9.631	139	306923	48.363	ng		94
27) 2,4-Dimethylphenol	9.702	122	510117	45.818	ng		99
28) bis(2-Chloroethoxy)met...	9.913	93	710348	43.879	ng		99
29) 2,4-Dichlorophenol	10.184	162	531763	47.904	ng		99
30) 1,2,4-Trichlorobenzene	10.366	180	564380	45.112	ng		99
31) Naphthalene	10.554	128	1658688	43.767	ng		99
32) Benzoic acid	9.896	122	435834	52.653	ng		98
33) 4-Chloroaniline	10.672	127	289663	18.338	ng		97
34) Hexachlorobutadiene	10.831	225	369458	45.875	ng		97
35) Caprolactam	11.472	113	178644	41.748	ng		95
36) 4-Chloro-3-methylphenol	11.813	107	603432	45.595	ng		96
37) 2-Methylnaphthalene	12.160	142	1068536	43.899	ng		99
38) 1-Methylnaphthalene	12.384	142	1103231	42.503	ng		99
40) 1,2,4,5-Tetrachloroben...	12.531	216	731989	52.315	ng		99
41) Hexachlorocyclopentadiene	12.507	237	514661	67.536	ng		99
43) 2,4,6-Trichlorophenol	12.784	196	442834	48.143	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.878	196	491867	48.048	ng		97
46) 1,1'-Biphenyl	13.178	154	1685558	49.733	ng		99
47) 2-Chloronaphthalene	13.219	162	1191369	44.643	ng		99
48) 2-Nitroaniline	13.437	65	397466	44.680	ng		95
49) Acenaphthylene	14.072	152	2002465	45.288	ng		100
50) Dimethylphthalate	13.807	163	1552689	44.045	ng		100
51) 2,6-Dinitrotoluene	13.931	165	343694	46.018	ng		95
52) Acenaphthene	14.419	154	1111260	43.580	ng		99
53) 3-Nitroaniline	14.272	138	207172	26.378	ng		98
54) 2,4-Dinitrophenol	14.495	184	342956	71.190	ng		99
55) Dibenzofuran	14.754	168	1825220	43.918	ng		99
56) 4-Nitrophenol	14.625	139	527027	78.038	ng		96
57) 2,4-Dinitrotoluene	14.737	165	492751	46.359	ng		95
58) Fluorene	15.419	166	1465425	44.344	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.001	232	438497	47.550	ng		96
60) Diethylphthalate	15.190	149	1570213	43.912	ng		100
61) 4-Chlorophenyl-phenyle...	15.413	204	750778	45.079	ng		97
62) 4-Nitroaniline	15.460	138	351432	43.677	ng		96
63) Azobenzene	15.707	77	1646794	47.629	ng		98
65) 4,6-Dinitro-2-methylph...	15.519	198	269936	42.711	ng		94
66) n-Nitrosodiphenylamine	15.631	169	1300201	44.707	ng		100
67) 4-Bromophenyl-phenylether	16.319	248	485347	46.488	ng		98
68) Hexachlorobenzene	16.448	284	542955	46.634	ng		94
69) Atrazine	16.613	200	509860	45.864	ng		98
70) Pentachlorophenol	16.813	266	703159	91.507	ng		99
71) Phenanthrene	17.201	178	2324894	43.126	ng		99
72) Anthracene	17.295	178	2377541	43.467	ng		99
73) Carbazole	17.584	167	2243647	44.121	ng		100
74) Di-n-butylphthalate	18.160	149	2881027	46.166	ng		99
75) Fluoranthene	19.289	202	2844315	43.993	ng		100
77) Benzidine	19.483	184	1579879	59.098	ng		99
78) Pyrene	19.666	202	2960870	47.813	ng		99
80) Butylbenzylphthalate	20.607	149	1318707	48.567	ng		99
81) Benzo(a)anthracene	21.583	228	2884111	45.393	ng		99
82) 3,3'-Dichlorobenzidine	21.501	252	643923	29.310	ng		99
83) Chrysene	21.648	228	2693622	44.473	ng		100
84) Bis(2-ethylhexyl)phtha...	21.513	149	1902865	47.902	ng		100
85) Di-n-octyl phthalate	22.771	149	3354352	47.470	ng		98
87) Indeno(1,2,3-cd)pyrene	28.771	276	3492320	46.584	ng	#	77
88) Benzo(b)fluoranthene	23.889	252	2838657	45.029	ng		99
89) Benzo(k)fluoranthene	23.966	252	2879502	44.763	ng		99
90) Benzo(a)pyrene	24.795	252	2765544	44.797	ng		99
91) Dibenzo(a,h)anthracene	28.824	278	2858811	46.600	ng		98
92) Benzo(g,h,i)perylene	29.953	276	2836045	47.007	ng		98

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

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