Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
Data File : BP025020.D
Acq On : 20 Jun 2025 16:21
Operator : RC/JU
Sample : Q2362-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11MSD

Quant Time: Jun 20 16:43:24 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP060625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 06 16:20:27 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.596	152	305958	20.000	ng	-0.02
21) Naphthalene-d8	10.372	136	1080986	20.000	ng	0.00
39) Acenaphthene-d10	14.248	164	615931	20.000	ng	0.00
64) Phenanthrene-d10	17.048	188	1161125	20.000	ng	-0.01
76) Chrysene-d12	21.489	240	1249260	20.000	ng	0.00
86) Perylene-d12	24.765	264	1495166	20.000	ng	0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.237	112	1745311	95.218	ng	0.00
7) Phenol-d6	6.813	99	2148171	88.577	ng	0.00
23) Nitrobenzene-d5	8.755	82	1276835	57.397	ng	0.00
42) 2,4,6-Tribromophenol	15.778	330	919357	107.962	ng	0.00
45) 2-Fluorobiphenyl	12.848	172	2772639	60.641	ng	-0.01
79) Terphenyl-d14	19.777	244	4369192	62.683	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.167	88	342366	42.450	ng	98
3) Pyridine	3.561	79	855044	44.083	ng	98
4) n-Nitrosodimethylamine	3.478	42	347434	43.815	ng	95
6) Aniline	6.943	93	746033	24.105	ng	99
8) 2-Chlorophenol	7.184	128	971014	46.730	ng	98
9) Benzaldehyde	6.761	77	619978	44.352	ng	97
10) Phenol	6.837	94	1110227	44.407	ng	99
11) bis(2-Chloroethyl)ether	7.037	93	870588	44.273	ng	98
12) 1,3-Dichlorobenzene	7.490	146	1078049	46.507	ng	98
13) 1,4-Dichlorobenzene	7.631	146	1090185	46.611	ng	99
14) 1,2-Dichlorobenzene	7.943	146	1038259	45.206	ng	99
15) Benzyl Alcohol	7.849	79	778291	41.815	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.113	45	1048902	40.754	ng	98
17) 2-Methylphenol	8.066	107	743909	42.610	ng	98
18) Hexachloroethane	8.655	117	396899	45.073	ng	95
19) n-Nitroso-di-n-propyla...	8.402	70	631615	38.310	ng	99
20) 3+4-Methylphenols	8.396	107	981482	41.206	ng	96
22) Acetophenone	8.419	105	1311220	48.010	ng	99
24) Nitrobenzene	8.796	77	946600	47.898	ng	96
25) Isophorone	9.319	82	1704858	44.220	ng	98
26) 2-Nitrophenol	9.502	139	507231	52.018	ng	94
27) 2,4-Dimethylphenol	9.572	122	792099	47.464	ng	99
28) bis(2-Chloroethoxy)met...	9.790	93	1061468	46.155	ng	98
29) 2,4-Dichlorophenol	10.054	162	801873	50.078	ng	100
30) 1,2,4-Trichlorobenzene	10.237	180	904367	50.074	ng	99
31) Naphthalene	10.419	128	2680612	48.390	ng	100
32) Benzoic acid	9.784	122	541650	48.030	ng	96
33) 4-Chloroaniline	10.554	127	428158	18.448	ng	98
34) Hexachlorobutadiene	10.696	225	561755	51.607	ng	99
35) Caprolactam	11.360	113	254541	43.185	ng	94
36) 4-Chloro-3-methylphenol	11.707	107	835476	45.236	ng	98
37) 2-Methylnaphthalene	12.037	142	1646538	46.857	ng	100
38) 1-Methylnaphthalene	12.260	142	1729933	46.048	ng	99
40) 1,2,4,5-Tetrachloroben...	12.419	216	937352	53.632	ng	99
41) Hexachlorocyclopentadiene	12.384	237	966026	90.621	ng	100
43) 2,4,6-Trichlorophenol	12.678	196	615430	52.434	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.778	196	662890	52.737	ng		97
46) 1,1'-Biphenyl	13.066	154	2285588	51.062	ng		99
47) 2-Chloronaphthalene	13.107	162	1767364	51.373	ng		100
48) 2-Nitroaniline	13.337	65	503372	47.593	ng		89
49) Acenaphthylene	13.966	152	2817727	49.122	ng		100
50) Dimethylphthalate	13.707	163	2140804	47.117	ng		100
51) 2,6-Dinitrotoluene	13.837	165	477032	48.701	ng		97
52) Acenaphthene	14.313	154	1625669	49.457	ng		100
53) 3-Nitroaniline	14.184	138	210907	20.748	ng		100
54) 2,4-Dinitrophenol	14.413	184	619525	95.941	ng		91
55) Dibenzofuran	14.654	168	2538288	48.108	ng		99
56) 4-Nitrophenol	14.554	139	686644	79.805	ng		95
57) 2,4-Dinitrotoluene	14.648	165	672953	49.114	ng		94
58) Fluorene	15.319	166	2060141	48.334	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.901	232	586572	52.229	ng		95
60) Diethylphthalate	15.089	149	2155856	47.609	ng		99
61) 4-Chlorophenyl-phenyle...	15.307	204	1022868	49.081	ng		95
62) 4-Nitroaniline	15.372	138	442608	48.022	ng		92
63) Azobenzene	15.607	77	2138297	51.488	ng		97
65) 4,6-Dinitro-2-methylph...	15.431	198	395596	51.850	ng		100
66) n-Nitrosodiphenylamine	15.531	169	1811869	50.344	ng		99
67) 4-Bromophenyl-phenylether	16.225	248	684124	52.218	ng		96
68) Hexachlorobenzene	16.342	284	809569	50.972	ng		98
69) Atrazine	16.513	200	664315	50.918	ng		100
70) Pentachlorophenol	16.713	266	1008837	122.729	ng		100
71) Phenanthrene	17.095	178	3190417	49.722	ng		99
72) Anthracene	17.189	178	3282135	50.506	ng		100
73) Carbazole	17.483	167	3066909	50.916	ng		100
74) Di-n-butylphthalate	18.054	149	3723419	49.892	ng		99
75) Fluoranthene	19.183	202	3755166	50.493	ng		99
77) Benzidine	19.395	184	1791224	46.295	ng		99
78) Pyrene	19.566	202	3865806	49.532	ng		100
80) Butylbenzylphthalate	20.507	149	1784155	49.907	ng		98
81) Benzo(a)anthracene	21.471	228	3966228	49.640	ng		99
82) 3,3'-Dichlorobenzidine	21.395	252	927065	29.226	ng		99
83) Chrysene	21.542	228	3829602	50.584	ng		100
84) Bis(2-ethylhexyl)phtha...	21.395	149	2560419	49.988	ng		99
85) Di-n-octyl phthalate	22.642	149	4349244	48.174	ng		98
87) Indeno(1,2,3-cd)pyrene	28.495	276	5767150	52.866	ng	#	93
88) Benzo(b)fluoranthene	23.736	252	4148844	48.485	ng		99
89) Benzo(k)fluoranthene	23.801	252	4220478	48.455	ng		99
90) Benzo(a)pyrene	24.613	252	4140315	49.546	ng		99
91) Dibenzo(a,h)anthracene	28.553	278	4724503	53.206	ng		99
92) Benzo(g,h,i)perylene	29.642	276	4691921	53.255	ng		100

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

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