Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025184.D
Acq On : 17 Jul 2025 19:07
Operator : CG/JU
Sample : Q2612-01MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
OR-02-071525MSD

Quant Time: Jul 18 01:38:18 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	509464	20.000	ng	0.00
21) Naphthalene-d8	10.196	136	2028093	20.000	ng	0.01
39) Acenaphthene-d10	14.107	164	1305082	20.000	ng	0.02
64) Phenanthrene-d10	16.913	188	2661966	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2687613	20.000	ng	0.01
86) Perylene-d12	24.513	264	3811537	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.102	112	2812389	97.811	ng	0.00
7) Phenol-d6	6.649	99	2984855	79.549	ng	0.02
23) Nitrobenzene-d5	8.578	82	1773030	58.141	ng	0.01
42) 2,4,6-Tribromophenol	15.637	330	1650918	107.082	ng	0.02
45) 2-Fluorobiphenyl	12.701	172	4424877	52.524	ng	0.00
79) Terphenyl-d14	19.689	244	6650894	54.388	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.120	88	438932	39.258	ng	98
3) Pyridine	3.490	79	1250161	40.841	ng	96
4) n-Nitrosodimethylamine	3.402	42	537652	41.483	ng	91
6) Aniline	6.790	93	1357853	38.731	ng	99
8) 2-Chlorophenol	7.019	128	1436092	44.640	ng	98
9) Benzaldehyde	6.596	77	817266	41.706	ng	99
10) Phenol	6.672	94	1603676	42.063	ng	99
11) bis(2-Chloroethyl)ether	6.884	93	1161087	39.571	ng	99
12) 1,3-Dichlorobenzene	7.331	146	1535112	42.636	ng	98
13) 1,4-Dichlorobenzene	7.478	146	1563350	42.886	ng	99
14) 1,2-Dichlorobenzene	7.790	146	1489235	42.468	ng	99
15) Benzyl Alcohol	7.684	79	1101977	44.002	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1447479	37.939	ng	96
17) 2-Methylphenol	7.884	107	1126302	45.861	ng	99
18) Hexachloroethane	8.502	117	531894	44.790	ng	97
19) n-Nitroso-di-n-propyla...	8.243	70	879233	39.511	ng	96
20) 3+4-Methylphenols	8.207	107	1527789	44.413	ng	98
22) Acetophenone	8.249	105	1913338	39.891	ng	98
24) Nitrobenzene	8.613	77	1316047	42.368	ng	96
25) Isophorone	9.143	82	2522659	44.265	ng	99
26) 2-Nitrophenol	9.313	139	769456	50.838	ng	99
27) 2,4-Dimethylphenol	9.390	122	1313839	61.802	ng	99
28) bis(2-Chloroethoxy)met...	9.631	93	1595554	41.233	ng	99
29) 2,4-Dichlorophenol	9.854	162	1388307	47.096	ng	99
30) 1,2,4-Trichlorobenzene	10.054	180	1444176	44.240	ng	99
31) Naphthalene	10.249	128	4235027	40.553	ng	100
32) Benzoic acid	9.554	122	1101636	51.370	ng	99
33) 4-Chloroaniline	10.354	127	1052280	27.001	ng	98
34) Hexachlorobutadiene	10.543	225	887605	47.381	ng	100
35) Caprolactam	11.143	113	434460m	43.082	ng	
36) 4-Chloro-3-methylphenol	11.501	107	1385601	44.980	ng	99
37) 2-Methylnaphthalene	11.866	142	2785160	37.799	ng	100
38) 1-Methylnaphthalene	12.096	142	2898763	40.338	ng	99
40) 1,2,4,5-Tetrachloroben...	12.248	216	1656938	44.176	ng	99
41) Hexachlorocyclopentadiene	12.231	237	1321137	134.848	ng	98
43) 2,4,6-Trichlorophenol	12.501	196	1169445	51.491	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1284303	49.897	ng		98
46) 1,1'-Biphenyl	12.913	154	3982136	41.936	ng		99
47) 2-Chloronaphthalene	12.943	162	3138820	43.980	ng		99
48) 2-Nitroaniline	13.160	65	803471	46.075	ng		95
49) Acenaphthylene	13.819	152	5223760	47.822	ng		100
50) Dimethylphthalate	13.566	163	3848277	42.124	ng		99
51) 2,6-Dinitrotoluene	13.678	165	848920	47.646	ng		95
52) Acenaphthene	14.172	154	2917778	41.443	ng		99
53) 3-Nitroaniline	14.007	138	722685	37.848	ng		99
54) 2,4-Dinitrophenol	14.225	184	531131	62.275	ng		95
55) Dibenzofuran	14.513	168	4678341	40.264	ng		99
56) 4-Nitrophenol	14.342	139	1691329	95.983	ng		95
57) 2,4-Dinitrotoluene	14.484	165	1223447	46.854	ng	#	93
58) Fluorene	15.178	166	3839448	42.722	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.748	232	1155651	49.581	ng		96
60) Diethylphthalate	14.978	149	3885885	42.350	ng		99
61) 4-Chlorophenyl-phenyle...	15.189	204	1901713	42.759	ng		98
62) 4-Nitroaniline	15.207	138	906337	45.267	ng		99
63) Azobenzene	15.484	77	3498581	42.819	ng		95
65) 4,6-Dinitro-2-methylph...	15.272	198	376961	33.081	ng		96
66) n-Nitrosodiphenylamine	15.401	169	3323011	43.620	ng		99
67) 4-Bromophenyl-phenylether	16.095	248	1301658	47.757	ng		99
68) Hexachlorobenzene	16.213	284	1566465	47.021	ng		97
69) Atrazine	16.407	200	1243106	55.686	ng		99
70) Pentachlorophenol	16.572	266	2243009	99.695	ng		99
71) Phenanthrene	16.972	178	6219759	43.727	ng		99
72) Anthracene	17.066	178	6193334	45.385	ng		100
73) Carbazole	17.348	167	5764286	43.203	ng		99
74) Di-n-butylphthalate	17.966	149	7008215	47.168	ng		99
75) Fluoranthene	19.066	202	7707826	46.359	ng		100
77) Benzidine	19.278	184	3088270	65.061	ng		98
78) Pyrene	19.442	202	8498286	51.051	ng		99
80) Butylbenzylphthalate	20.436	149	3231331	50.200	ng		99
81) Benzo(a)anthracene	21.336	228	7770350	47.708	ng		99
82) 3,3'-Dichlorobenzidine	21.277	252	2344170	47.810	ng		100
83) Chrysene	21.401	228	7520800	47.983	ng		99
84) Bis(2-ethylhexyl)phtha...	21.324	149	4577173	52.392	ng		99
85) Di-n-octyl phthalate	22.548	149	8067243	50.060	ng		97
87) Indeno(1,2,3-cd)pyrene	28.065	276	10464558m	43.097	ng		
88) Benzo(b)fluoranthene	23.542	252	8463299	38.149	ng		99
89) Benzo(k)fluoranthene	23.601	252	8014882	36.309	ng		99
90) Benzo(a)pyrene	24.377	252	9299741	49.253	ng		99
91) Dibenzo(a,h)anthracene	28.165	278	8307566	41.391	ng		97
92) Benzo(g,h,i)perylene	29.171	276	8469173	40.846	ng		98

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

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