Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP062025\
Data File : BP025019.D
Acq On : 20 Jun 2025 15:40
Operator : RC/JU
Sample : Q2362-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-11MS

Quant Time: Jun 20 16:15:53 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	7.602	152	314066	20.000	ng		-0.01
21) Naphthalene-d8	10.372	136	1107530	20.000	ng		0.00
39) Acenaphthene-d10	14.254	164	619763	20.000	ng		0.00
64) Phenanthrene-d10	17.054	188	1115890	20.000	ng		0.00
76) Chrysene-d12	21.495	240	1307203	20.000	ng		0.01
86) Perylene-d12	24.771	264	1598166	20.000	ng		0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.237	112	1710380	90.903	ng		0.00
7) Phenol-d6	6.814	99	2099558	84.338	ng		0.00
23) Nitrobenzene-d5	8.761	82	1249755	54.833	ng		0.00
42) 2,4,6-Tribromophenol	15.778	330	863504	100.776	ng		0.00
45) 2-Fluorobiphenyl	12.854	172	2702854	58.749	ng		0.00
79) Terphenyl-d14	19.783	244	4099949	56.213	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.167	88	338111	40.840	ng		99
3) Pyridine	3.561	79	849674	42.675	ng		100
4) n-Nitrosodimethylamine	3.478	42	344161	42.281	ng		97
6) Aniline	6.949	93	703770	22.152	ng		99
8) 2-Chlorophenol	7.184	128	944584	44.285	ng		98
9) Benzaldehyde	6.761	77	611796	42.637	ng		98
10) Phenol	6.843	94	1081913	42.157	ng		97
11) bis(2-Chloroethyl)ether	7.037	93	860610	42.636	ng		99
12) 1,3-Dichlorobenzene	7.490	146	1064142	44.722	ng		98
13) 1,4-Dichlorobenzene	7.637	146	1075844	44.810	ng		99
14) 1,2-Dichlorobenzene	7.949	146	1023943	43.431	ng		100
15) Benzyl Alcohol	7.855	79	758719	39.711	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.119	45	1038667	39.315	ng		99
17) 2-Methylphenol	8.066	107	723149	40.351	ng		97
18) Hexachloroethane	8.661	117	395086	43.709	ng		96
19) n-Nitroso-di-n-propyla...	8.408	70	625632	36.968	ng		98
20) 3+4-Methylphenols	8.396	107	954469	39.037	ng		96
22) Acetophenone	8.425	105	1299329	46.434	ng	#	98
24) Nitrobenzene	8.802	77	935312	46.193	ng		96
25) Isophorone	9.319	82	1668834	42.248	ng		99
26) 2-Nitrophenol	9.508	139	489536	49.000	ng		95
27) 2,4-Dimethylphenol	9.578	122	776541	45.417	ng		97
28) bis(2-Chloroethoxy)met...	9.796	93	1048172	44.484	ng		98
29) 2,4-Dichlorophenol	10.060	162	789187	48.104	ng		99
30) 1,2,4-Trichlorobenzene	10.243	180	897231	48.488	ng		98
31) Naphthalene	10.425	128	2631462	46.364	ng		100
32) Benzoic acid	9.784	122	526715	45.586	ng		97
33) 4-Chloroaniline	10.560	127	368791	15.509	ng		98
34) Hexachlorobutadiene	10.702	225	565332	50.691	ng		99
35) Caprolactam	11.366	113	237589	39.343	ng		94
36) 4-Chloro-3-methylphenol	11.707	107	799913	42.272	ng		98
37) 2-Methylnaphthalene	12.043	142	1627490	45.205	ng		99
38) 1-Methylnaphthalene	12.266	142	1696023	44.064	ng		99
40) 1,2,4,5-Tetrachloroben...	12.419	216	932635	53.033	ng		99
41) Hexachlorocyclopentadiene	12.384	237	994273	92.694	ng		99
43) 2,4,6-Trichlorophenol	12.678	196	588835	49.858	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.772	196	643836	50.904	ng	98
46) 1,1'-Biphenyl	13.066	154	2246623	49.881	ng	100
47) 2-Chloronaphthalene	13.113	162	1729014	49.947	ng	100
48) 2-Nitroaniline	13.343	65	467974	43.973	ng	90
49) Acenaphthylene	13.966	152	2737145	47.422	ng	100
50) Dimethylphthalate	13.713	163	2065876	45.187	ng	100
51) 2,6-Dinitrotoluene	13.837	165	447248	45.378	ng	99
52) Acenaphthene	14.313	154	1566604	47.366	ng	99
53) 3-Nitroaniline	14.190	138	187571	18.339	ng	96
54) 2,4-Dinitrophenol	14.419	184	576534	89.149	ng	93
55) Dibenzofuran	14.654	168	2471302	46.549	ng	99
56) 4-Nitrophenol	14.560	139	605984	70.660	ng	95
57) 2,4-Dinitrotoluene	14.648	165	636726	46.183	ng	95
58) Fluorene	15.319	166	1965851	45.837	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.907	232	545008	48.228	ng	96
60) Diethylphthalate	15.095	149	2055851	45.120	ng	100
61) 4-Chlorophenyl-phenyle...	15.307	204	985894	47.014	ng	98
62) 4-Nitroaniline	15.372	138	419161	45.197	ng	91
63) Azobenzene	15.607	77	2057974	49.247	ng	98
65) 4,6-Dinitro-2-methylph...	15.437	198	371607	50.680	ng	99
66) n-Nitrosodiphenylamine	15.537	169	1701400	49.191	ng	100
67) 4-Bromophenyl-phenylether	16.225	248	639479	50.789	ng	98
68) Hexachlorobenzene	16.348	284	781431	51.195	ng	96
69) Atrazine	16.519	200	621153	49.539	ng	100
70) Pentachlorophenol	16.719	266	947048	119.883	ng	100
71) Phenanthrene	17.095	178	2978389	48.299	ng	99
72) Anthracene	17.189	178	3059345	48.986	ng	99
73) Carbazole	17.484	167	2831253	48.909	ng	100
74) Di-n-butylphthalate	18.060	149	3600244	50.197	ng	99
75) Fluoranthene	19.189	202	3532449	49.423	ng	99
77) Benzidine	19.395	184	1730199	42.736	ng	100
78) Pyrene	19.572	202	3643851	44.619	ng	99
80) Butylbenzylphthalate	20.519	149	1736449	46.420	ng	93
81) Benzo(a)anthracene	21.477	228	3955338	47.309	ng	100
82) 3,3'-Dichlorobenzidine	21.401	252	915838	27.592	ng	99
83) Chrysene	21.542	228	3791713	47.864	ng	99
84) Bis(2-ethylhexyl)phtha...	21.395	149	2630585	49.082	ng	99
85) Di-n-octyl phthalate	22.648	149	4770428	50.497	ng	98
87) Indeno(1,2,3-cd)pyrene	28.501	276	5874356	50.378	ng	99
88) Benzo(b)fluoranthene	23.736	252	4382131	47.911	ng	99
89) Benzo(k)fluoranthene	23.801	252	4489669	48.223	ng	99
90) Benzo(a)pyrene	24.613	252	4336029	48.544	ng	100
91) Dibenzo(a,h)anthracene	28.554	278	4794044	50.509	ng	100
92) Benzo(g,h,i)perylene	29.648	276	4730729	50.234	ng	99

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

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