Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071525\
Data File : BP025141.D
Acq On : 15 Jul 2025 11:44
Operator : CG/JU
Sample : Q2517-04MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
TP-14MS

Quant Time: Jul 15 12:20:55 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	472651	20.000	ng		0.00
21) Naphthalene-d8	10.190	136	1844454	20.000	ng		0.00
39) Acenaphthene-d10	14.090	164	1169768	20.000	ng		0.00
64) Phenanthrene-d10	16.913	188	2365131	20.000	ng		0.00
76) Chrysene-d12	21.348	240	2331691	20.000	ng		0.00
86) Perylene-d12	24.477	264	2669115	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.108	112	3815317	143.027	ng		0.01
7) Phenol-d6	6.643	99	4368557	125.493	ng		0.01
23) Nitrobenzene-d5	8.572	82	2964412	106.887	ng		0.00
42) 2,4,6-Tribromophenol	15.619	330	2454323	177.607	ng		0.00
45) 2-Fluorobiphenyl	12.690	172	7395874	97.946	ng		0.00
79) Terphenyl-d14	19.672	244	10824313	102.027	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.137	88	398299	38.398	ng	#	55
3) Pyridine	3.508	79	972995	34.262	ng		98
4) n-Nitrosodimethylamine	3.414	42	500293	41.607	ng	#	92
6) Aniline	6.790	93	658682	20.252	ng		99
8) 2-Chlorophenol	7.019	128	1493048	50.025	ng		98
9) Benzaldehyde	6.602	77	497031	27.339	ng		96
10) Phenol	6.666	94	1574648	44.518	ng		97
11) bis(2-Chloroethyl)ether	6.890	93	1252540	46.012	ng		97
12) 1,3-Dichlorobenzene	7.337	146	1429543	42.797	ng		99
13) 1,4-Dichlorobenzene	7.478	146	1460225	43.177	ng		99
14) 1,2-Dichlorobenzene	7.790	146	1424737	43.794	ng		99
15) Benzyl Alcohol	7.678	79	1190310	51.231	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.966	45	1543154	43.597	ng		98
17) 2-Methylphenol	7.884	107	1179311	51.759	ng		99
18) Hexachloroethane	8.502	117	487620	44.259	ng		98
19) n-Nitroso-di-n-propyla...	8.237	70	956123	46.313	ng		97
20) 3+4-Methylphenols	8.208	107	1606383	50.335	ng		99
22) Acetophenone	8.249	105	2031322	46.568	ng	#	98
24) Nitrobenzene	8.613	77	1396632	49.439	ng		95
25) Isophorone	9.143	82	2732011	52.711	ng		99
26) 2-Nitrophenol	9.307	139	797177	57.454	ng		98
27) 2,4-Dimethylphenol	9.390	122	1403446	72.590	ng		99
28) bis(2-Chloroethoxy)met...	9.619	93	1713838	48.699	ng		99
29) 2,4-Dichlorophenol	9.849	162	1451001	54.124	ng		99
30) 1,2,4-Trichlorobenzene	10.060	180	1396521	47.040	ng		97
31) Naphthalene	10.237	128	4280940	45.074	ng		100
32) Benzoic acid	9.525	122	1073276	54.589	ng		96
33) 4-Chloroaniline	10.349	127	367241	10.361	ng		97
34) Hexachlorobutadiene	10.543	225	799279	46.914	ng		100
35) Caprolactam	11.137	113	431427	47.041	ng		89
36) 4-Chloro-3-methylphenol	11.490	107	1472211	52.549	ng		99
37) 2-Methylnaphthalene	11.866	142	2854451	42.596	ng		100
38) 1-Methylnaphthalene	12.084	142	2998944	45.887	ng		100
40) 1,2,4,5-Tetrachloroben...	12.248	216	1652020	49.139	ng		99
41) Hexachlorocyclopentadiene	12.237	237	2010143	228.909	ng		99
43) 2,4,6-Trichlorophenol	12.490	196	1210515	59.465	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	1353782	58.681	ng		97
46) 1,1'-Biphenyl	12.913	154	4165307	48.940	ng		100
47) 2-Chloronaphthalene	12.948	162	3224160	50.401	ng		100
48) 2-Nitroaniline	13.148	65	884274	55.945	ng		95
49) Acenaphthylene	13.801	152	5398132	55.135	ng		99
50) Dimethylphthalate	13.560	163	4370792	53.378	ng		100
51) 2,6-Dinitrotoluene	13.666	165	915220	57.309	ng		95
52) Acenaphthene	14.154	154	3097808	49.090	ng		98
53) 3-Nitroaniline	13.995	138	619070	36.172	ng		97
54) 2,4-Dinitrophenol	14.201	184	1171633	145.396	ng		93
55) Dibenzofuran	14.507	168	5002464	48.034	ng		99
56) 4-Nitrophenol	14.331	139	1703885	107.881	ng		97
57) 2,4-Dinitrotoluene	14.466	165	1318258	55.792	ng		94
58) Fluorene	15.172	166	4052144	50.304	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.742	232	1196477	57.271	ng		96
60) Diethylphthalate	14.972	149	4295795	52.233	ng		99
61) 4-Chlorophenyl-phenyle...	15.172	204	1999615	50.161	ng		98
62) 4-Nitroaniline	15.184	138	1043528	58.148	ng		98
63) Azobenzene	15.478	77	3410463	46.569	ng		96
65) 4,6-Dinitro-2-methylph...	15.248	198	739126	66.271	ng		93
66) n-Nitrosodiphenylamine	15.401	169	3597241	53.145	ng		99
67) 4-Bromophenyl-phenylether	16.095	248	1351599	55.813	ng		98
68) Hexachlorobenzene	16.201	284	1594413	53.867	ng		99
69) Atrazine	16.384	200	1321918	66.648	ng		98
70) Pentachlorophenol	16.554	266	2290222	114.569	ng		99
71) Phenanthrene	16.948	178	6453580	51.065	ng		99
72) Anthracene	17.036	178	6573194	54.214	ng		100
73) Carbazole	17.325	167	6278906	52.966	ng		100
74) Di-n-butylphthalate	17.954	149	6725759	50.948	ng		99
75) Fluoranthene	19.060	202	6963533	47.139	ng		100
77) Benzidine	19.254	184	966663	23.474	ng		99
78) Pyrene	19.436	202	7079877	49.023	ng		99
80) Butylbenzylphthalate	20.419	149	3279036	58.092	ng		99
81) Benzo(a)anthracene	21.330	228	7503020	53.098	ng		100
82) 3,3'-Dichlorobenzidine	21.254	252	2120700	49.855	ng		98
83) Chrysene	21.395	228	6986051	51.375	ng		100
84) Bis(2-ethylhexyl)phtha...	21.319	149	4863220	64.164	ng		99
85) Di-n-octyl phthalate	22.524	149	8386846	58.778	ng		97
87) Indeno(1,2,3-cd)pyrene	28.018	276	10087877	59.327	ng	#	93
88) Benzo(b)fluoranthene	23.495	252	7951087	51.180	ng		99
89) Benzo(k)fluoranthene	23.560	252	7980548	51.628	ng		99
90) Benzo(a)pyrene	24.330	252	7642822	57.802	ng		100
91) Dibenzo(a,h)anthracene	28.095	278	8208358	58.400	ng		98
92) Benzo(g,h,i)perylene	29.095	276	8017837	55.221	ng		99

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

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