Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025181.D
Acq On : 17 Jul 2025 17:02
Operator : CG/JU
Sample : Q2622-01MSD 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
2819MSD

Quant Time: Jul 17 17:23:53 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	7.442	152	621106	20.000	ng		0.00
21) Naphthalene-d8	10.189	136	2212311	20.000	ng		0.00
39) Acenaphthene-d10	14.107	164	1337255	20.000	ng		0.02
64) Phenanthrene-d10	16.948	188	2058431	20.000	ng	#	0.04
76) Chrysene-d12	21.395	240	2667867	20.000	ng		0.05
86) Perylene-d12	24.530	264	3715152	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.101	112	552332	15.757	ng		0.00
7) Phenol-d6	6.643	99	708296	15.484	ng		0.01
23) Nitrobenzene-d5	8.572	82	437975	13.166	ng		0.00
42) 2,4,6-Tribromophenol	15.648	330	330779	20.939	ng		0.03
45) 2-Fluorobiphenyl	12.695	172	1103680	12.786	ng		0.00
79) Terphenyl-d14	19.718	244	1644590	13.548	ng		0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	62972	4.620	ng		93
3) Pyridine	3.502	79	190267	5.098	ng		97
4) n-Nitrosodimethylamine	3.407	42	85561	5.415	ng	#	97
6) Aniline	6.784	93	279883	6.548	ng		99
8) 2-Chlorophenol	7.019	128	318563	8.122	ng		96
9) Benzaldehyde	6.601	77	152705	6.392	ng		97
10) Phenol	6.666	94	351924	7.571	ng		98
11) bis(2-Chloroethyl)ether	6.884	93	271420	7.588	ng		97
12) 1,3-Dichlorobenzene	7.337	146	335837	7.651	ng		99
13) 1,4-Dichlorobenzene	7.472	146	362210	8.150	ng		99
14) 1,2-Dichlorobenzene	7.784	146	336678	7.875	ng		99
15) Benzyl Alcohol	7.678	79	250984	8.220	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.966	45	342898	7.372	ng		97
17) 2-Methylphenol	7.884	107	253618	8.471	ng		99
18) Hexachloroethane	8.495	117	124790	8.619	ng		93
19) n-Nitroso-di-n-propyla...	8.231	70	203316	7.494	ng		99
20) 3+4-Methylphenols	8.201	107	355056	8.466	ng		99
22) Acetophenone	8.242	105	455229	8.701	ng	#	98
24) Nitrobenzene	8.613	77	280842	8.288	ng		96
25) Isophorone	9.136	82	539507	8.678	ng	#	96
26) 2-Nitrophenol	9.313	139	151335	11.872	ng		99
27) 2,4-Dimethylphenol	9.389	122	308270	13.293	ng		99
28) bis(2-Chloroethoxy)met...	9.613	93	390915	9.261	ng		97
29) 2,4-Dichlorophenol	9.848	162	333768	10.380	ng		98
30) 1,2,4-Trichlorobenzene	10.054	180	350440	9.841	ng		98
31) Naphthalene	10.236	128	1009100	8.858	ng		99
32) Benzoic acid	9.484	122	233296	14.972	ng		97
33) 4-Chloroaniline	10.342	127	264547	6.223	ng		98
34) Hexachlorobutadiene	10.536	225	201801	9.875	ng		99
35) Caprolactam	11.125	113	95024	8.638	ng	#	41
36) 4-Chloro-3-methylphenol	11.489	107	340532	10.134	ng		93
37) 2-Methylnaphthalene	11.866	142	722484	8.989	ng		99
38) 1-Methylnaphthalene	12.083	142	743648m	9.487	ng		
40) 1,2,4,5-Tetrachloroben...	12.248	216	382550	9.954	ng	#	96
41) Hexachlorocyclopentadiene	12.230	237	248490	24.753	ng		99
43) 2,4,6-Trichlorophenol	12.495	196	239969	10.312	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.566	196	253433	9.609	ng	#	67
46) 1,1'-Biphenyl	12.907	154	868111	8.922	ng		98
47) 2-Chloronaphthalene	12.948	162	665826	9.105	ng		95
48) 2-Nitroaniline	13.154	65	160890	11.228	ng		92
49) Acenaphthylene	13.813	152	1096749	9.799	ng	#	82
50) Dimethylphthalate	13.560	163	794168	8.484	ng	#	84
51) 2,6-Dinitrotoluene	13.660	165	715677	39.201	ng	#	45
52) Acenaphthene	14.172	154	646454	8.961	ng		93
53) 3-Nitroaniline	13.995	138	109633	5.603	ng	#	80
54) 2,4-Dinitrophenol	14.219	184	58047	11.453	ng	#	48
55) Dibenzofuran	14.524	168	1063287	8.931	ng	#	88
56) 4-Nitrophenol	14.330	139	302980	16.781	ng	#	1
57) 2,4-Dinitrotoluene	14.483	165	290327	12.877	ng	#	71
58) Fluorene	15.195	166	854948	9.284	ng	#	81
59) 2,3,4,6-Tetrachlorophenol	14.760	232	238527	9.987	ng	#	53
60) Diethylphthalate	14.971	149	755997	8.041	ng	#	73
61) 4-Chlorophenyl-phenyle...	15.195	204	544262	11.943	ng	#	44
62) 4-Nitroaniline	15.195	138	199851m	9.741	ng		
63) Azobenzene	15.495	77	581310	6.943	ng	#	74
65) 4,6-Dinitro-2-methylph...	15.277	198	33572	8.746	ng	#	1
66) n-Nitrosodiphenylamine	15.407	169	743918	12.628	ng	#	95
67) 4-Bromophenyl-phenylether	16.118	248	218900	10.386	ng	#	52
68) Hexachlorobenzene	16.248	284	289246	11.228	ng	#	37
69) Atrazine	16.424	200	381480	22.099	ng	#	13
70) Pentachlorophenol	16.601	266	371599	21.359	ng		97
71) Phenanthrene	17.001	178	1342834	12.209	ng	#	55
72) Anthracene	17.089	178	1074408	10.182	ng	#	67
73) Carbazole	17.360	167	937350	9.085	ng	#	56
74) Di-n-butylphthalate	17.989	149	1183423	10.300	ng	#	73
75) Fluoranthene	19.107	202	2439592	18.975	ng		86
78) Pyrene	19.483	202	2561110	15.499	ng	#	91
80) Butylbenzylphthalate	20.459	149	616117	12.617	ng		89
81) Benzo(a)anthracene	21.371	228	2006570	12.411	ng		97
82) 3,3'-Dichlorobenzidine	21.301	252	395065	8.117	ng	#	93
83) Chrysene	21.442	228	1989426	12.787	ng		98
84) Bis(2-ethylhexyl)phtha...	21.354	149	1178735	13.592	ng	#	93
85) Di-n-octyl phthalate	22.559	149	1769819	15.814	ng	#	79
87) Indeno(1,2,3-cd)pyrene	28.077	276	2483741m	10.494	ng		
88) Benzo(b)fluoranthene	23.559	252	2395141	11.076	ng	#	94
89) Benzo(k)fluoranthene	23.618	252	1938168	9.008	ng	#	94
90) Benzo(a)pyrene	24.395	252	2354349	12.792	ng	#	96
91) Dibenzo(a,h)anthracene	28.159	278	1790861	9.154	ng		98
92) Benzo(g,h,i)perylene	29.165	276	2429852	12.023	ng		99

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

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