Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025180.D
Acq On : 17 Jul 2025 16:20
Operator : CG/JU
Sample : Q2622-01MS 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
2819MS

Quant Time: Jul 17 16:46:41 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	656226	20.000	ng		0.00
21) Naphthalene-d8	10.196	136	2567214	20.000	ng		0.01
39) Acenaphthene-d10	14.107	164	1344010	20.000	ng		0.02
64) Phenanthrene-d10	16.942	188	1997477	20.000	ng	#	0.04
76) Chrysene-d12	21.366	240	3017832	20.000	ng		0.02
86) Perylene-d12	24.512	264	3743826	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.102	112	593037	16.012	ng		0.00
7) Phenol-d6	6.637	99	793971	16.428	ng		0.00
23) Nitrobenzene-d5	8.566	82	510248	13.218	ng		0.00
42) 2,4,6-Tribromophenol	15.654	330	388053	24.441	ng		0.04
45) 2-Fluorobiphenyl	12.701	172	1351858	15.582	ng		0.00
79) Terphenyl-d14	19.707	244	1697795	12.364	ng		0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.125	88	64049	4.447	ng	#	95
3) Pyridine	3.502	79	198843	5.043	ng		98
4) n-Nitrosodimethylamine	3.408	42	88132	5.279	ng	#	93
6) Aniline	6.784	93	255178	5.651	ng		100
8) 2-Chlorophenol	7.019	128	356003	8.591	ng		98
9) Benzaldehyde	6.602	77	183081	7.253	ng		96
10) Phenol	6.666	94	395855	8.061	ng		96
11) bis(2-Chloroethyl)ether	6.884	93	305005	8.070	ng		98
12) 1,3-Dichlorobenzene	7.331	146	388755	8.383	ng		98
13) 1,4-Dichlorobenzene	7.478	146	398104	8.478	ng		99
14) 1,2-Dichlorobenzene	7.790	146	388664	8.605	ng		100
15) Benzyl Alcohol	7.678	79	284988	8.835	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.960	45	395823	8.055	ng		96
17) 2-Methylphenol	7.884	107	282799	8.940	ng		98
18) Hexachloroethane	8.502	117	138266	9.039	ng		94
19) n-Nitroso-di-n-propyla...	8.231	70	231043	8.061	ng		96
20) 3+4-Methylphenols	8.202	107	389752	8.796	ng		99
22) Acetophenone	8.243	105	508574	8.377	ng	#	97
24) Nitrobenzene	8.607	77	350595	8.917	ng		98
25) Isophorone	9.143	82	678723	9.408	ng	#	96
26) 2-Nitrophenol	9.313	139	189123	12.532	ng		99
27) 2,4-Dimethylphenol	9.390	122	347274	12.905	ng		99
28) bis(2-Chloroethoxy)met...	9.625	93	437932	8.941	ng		99
29) 2,4-Dichlorophenol	9.854	162	371755	9.963	ng		99
30) 1,2,4-Trichlorobenzene	10.060	180	405257	9.807	ng		97
31) Naphthalene	10.243	128	1246259	9.428	ng		100
32) Benzoic acid	9.490	122	266995	14.851	ng		95
33) 4-Chloroaniline	10.348	127	275263	5.580	ng		97
34) Hexachlorobutadiene	10.543	225	246194	10.382	ng		99
35) Caprolactam	11.119	113	114042	8.934	ng	#	53
36) 4-Chloro-3-methylphenol	11.490	107	366983	9.411	ng		93
37) 2-Methylnaphthalene	11.860	142	782605	8.391	ng		99
38) 1-Methylnaphthalene	12.095	142	814985	8.959	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.242	216	446062	11.548	ng	#	95
41) Hexachlorocyclopentadiene	12.231	237	324301	32.143	ng		98
43) 2,4,6-Trichlorophenol	12.495	196	294860	12.607	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.572	196	309480	11.676	ng	#	65
46) 1,1'-Biphenyl	12.913	154	1066714	10.908	ng		98
47) 2-Chloronaphthalene	12.942	162	804351	10.944	ng		94
48) 2-Nitroaniline	13.154	65	187383	12.573	ng		96
49) Acenaphthylene	13.819	152	1403759	12.479	ng	#	84
50) Dimethylphthalate	13.566	163	957580	10.178	ng	#	83
51) 2,6-Dinitrotoluene	13.660	165	912715	49.743	ng	#	44
52) Acenaphthene	14.178	154	679203	9.368	ng		94
53) 3-Nitroaniline	14.001	138	136155	6.924	ng	#	77
54) 2,4-Dinitrophenol	14.231	184	90438	14.791	ng	#	68
55) Dibenzofuran	14.519	168	1126658	9.416	ng		90
56) 4-Nitrophenol	14.336	139	332196	18.306	ng	#	1
57) 2,4-Dinitrotoluene	14.484	165	289833	12.809	ng	#	71
58) Fluorene	15.184	166	907275	9.803	ng	#	79
59) 2,3,4,6-Tetrachlorophenol	14.754	232	236900	9.869	ng	#	78
60) Diethylphthalate	14.978	149	891014	9.429	ng	#	71
61) 4-Chlorophenyl-phenyle...	15.201	204	552805	12.069	ng	#	55
62) 4-Nitroaniline	15.195	138	212501m	10.306	ng		
63) Azobenzene	15.495	77	640054	7.607	ng	#	74
65) 4,6-Dinitro-2-methylph...	15.284	198	50874	10.525	ng	#	1
66) n-Nitrosodiphenylamine	15.413	169	762633	13.341	ng		95
67) 4-Bromophenyl-phenylether	16.113	248	247818	12.117	ng	#	61
68) Hexachlorobenzene	16.236	284	327106	13.085	ng	#	32
69) Atrazine	16.425	200	566663	33.828	ng	#	9
70) Pentachlorophenol	16.595	266	429412	25.435	ng		94
71) Phenanthrene	16.995	178	1404917	13.163	ng	#	55
72) Anthracene	17.095	178	1141907	11.152	ng	#	67
73) Carbazole	17.360	167	945746	9.446	ng	#	55
74) Di-n-butylphthalate	17.989	149	1252233	11.232	ng	#	73
75) Fluoranthene	19.113	202	2544769	20.397	ng		86
78) Pyrene	19.489	202	2645061	14.151	ng	#	92
80) Butylbenzylphthalate	20.448	149	693817	12.577	ng		89
81) Benzo(a)anthracene	21.354	228	2378903	13.008	ng		96
82) 3,3'-Dichlorobenzidine	21.283	252	394222	7.160	ng	#	91
83) Chrysene	21.418	228	2424504	13.776	ng		98
84) Bis(2-ethylhexyl)phtha...	21.330	149	1398747	14.259	ng	#	93
85) Di-n-octyl phthalate	22.548	149	2155244	16.558	ng	#	95
87) Indeno(1,2,3-cd)pyrene	28.065	276	3002213	12.588	ng	#	93
88) Benzo(b)fluoranthene	23.536	252	2948301	13.530	ng	#	94
89) Benzo(k)fluoranthene	23.595	252	2406629	11.100	ng	#	93
90) Benzo(a)pyrene	24.365	252	2458202	13.254	ng	#	96
91) Dibenzo(a,h)anthracene	28.130	278	2156036	10.936	ng		99
92) Benzo(g,h,i)perylene	29.147	276	2488652	12.220	ng		99

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

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