Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080525\
Data File : BP025300.D
Acq On : 05 Aug 2025 13:25
Operator : CG/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC010

Quant Time: Aug 06 06:00:09 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 06 05:56:10 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.802	152	199588	20.000	ng		0.00
21) Naphthalene-d8	10.572	136	845252	20.000	ng		0.00
39) Acenaphthene-d10	14.413	164	537224	20.000	ng		0.00
64) Phenanthrene-d10	17.213	188	1073622	20.000	ng		-0.01
76) Chrysene-d12	21.654	240	1112736	20.000	ng		0.00
86) Perylene-d12	25.024	264	1171338	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.408	112	243459	19.492	ng		0.00
7) Phenol-d6	6.961	99	315945	19.176	ng		0.00
23) Nitrobenzene-d5	8.937	82	282618	18.091	ng		0.00
42) 2,4,6-Tribromophenol	15.919	330	97752	17.623	ng		0.00
45) 2-Fluorobiphenyl	13.031	172	780489	20.174	ng		0.00
79) Terphenyl-d14	19.942	244	1204621	20.452	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.337	88	50082	10.227	ng		97
3) Pyridine	3.725	79	134101	9.856	ng		95
4) n-Nitrosodimethylamine	3.643	42	60618	9.597	ng	#	95
6) Aniline	7.131	93	209460	9.343	ng		98
8) 2-Chlorophenol	7.372	128	126166	9.288	ng		97
9) Benzaldehyde	6.949	77	112991	9.741	ng		99
10) Phenol	6.984	94	167307	9.575	ng		99
11) bis(2-Chloroethyl)ether	7.225	93	130843	9.556	ng		100
12) 1,3-Dichlorobenzene	7.696	146	151188	9.906	ng		98
13) 1,4-Dichlorobenzene	7.837	146	150627	9.755	ng		100
14) 1,2-Dichlorobenzene	8.155	146	144777	9.679	ng		98
15) Benzyl Alcohol	8.025	79	112727	8.905	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.325	45	208708	9.650	ng		98
17) 2-Methylphenol	8.225	107	108323	9.264	ng		99
18) Hexachloroethane	8.878	117	53085	9.613	ng		99
19) n-Nitroso-di-n-propyla...	8.590	70	102413	9.544	ng		99
20) 3+4-Methylphenols	8.543	107	144425	8.970	ng		100
22) Acetophenone	8.608	105	210356	9.914	ng	#	98
24) Nitrobenzene	8.978	77	132011	9.140	ng		99
25) Isophorone	9.502	82	288268	9.492	ng		98
26) 2-Nitrophenol	9.684	139	35903	8.913	ng		98
27) 2,4-Dimethylphenol	9.743	122	135004	9.642	ng		99
28) bis(2-Chloroethoxy)met...	9.978	93	175188	9.483	ng		97
29) 2,4-Dichlorophenol	10.213	162	109548	8.937	ng		98
30) 1,2,4-Trichlorobenzene	10.437	180	132056	9.765	ng		96
31) Naphthalene	10.625	128	428389	9.763	ng		100
32) Benzoic acid	9.796	122	29602	10.101	ng		97
33) 4-Chloroaniline	10.719	127	183806	9.419	ng		100
34) Hexachlorobutadiene	10.919	225	75081	9.671	ng		97
35) Caprolactam	11.449	113	40323	8.461	ng		97
36) 4-Chloro-3-methylphenol	11.831	107	127937	9.020	ng		98
37) 2-Methylnaphthalene	12.225	142	276185	9.724	ng		98
38) 1-Methylnaphthalene	12.449	142	288814	9.746	ng		98
40) 1,2,4,5-Tetrachloroben...	12.596	216	142243	9.698	ng		99
41) Hexachlorocyclopentadiene	12.584	237	78172	8.636	ng		100
43) 2,4,6-Trichlorophenol	12.831	196	80839	8.532	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.896	196	91922	8.648	ng		99
46) 1,1'-Biphenyl	13.243	154	392401	9.911	ng		99
47) 2-Chloronaphthalene	13.278	162	295035	9.768	ng		99
48) 2-Nitroaniline	13.472	65	56938	9.002	ng		98
49) Acenaphthylene	14.125	152	494624	9.817	ng		100
50) Dimethylphthalate	13.866	163	376892	9.624	ng		99
51) 2,6-Dinitrotoluene	13.972	165	58404	8.085	ng		98
52) Acenaphthene	14.472	154	300858	9.790	ng		99
53) 3-Nitroaniline	14.301	138	68662	8.123	ng	#	94
54) 2,4-Dinitrophenol	14.501	184	15825	9.839	ng	#	76
55) Dibenzofuran	14.819	168	459701	10.010	ng		98
56) 4-Nitrophenol	14.601	139	53432	7.162	ng		96
57) 2,4-Dinitrotoluene	14.760	165	69027	9.001	ng		87
58) Fluorene	15.472	166	375406	10.408	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.043	232	76798	8.599	ng		99
60) Diethylphthalate	15.254	149	380275	9.631	ng		99
61) 4-Chlorophenyl-phenyle...	15.478	204	171438	10.026	ng		99
62) 4-Nitroaniline	15.472	138	70585	8.428	ng		93
63) Azobenzene	15.772	77	359853	9.811	ng		98
65) 4,6-Dinitro-2-methylph...	15.543	198	22067	10.172	ng		95
66) n-Nitrosodiphenylamine	15.690	169	322596	9.868	ng		99
67) 4-Bromophenyl-phenylether	16.390	248	104373	9.662	ng		98
68) Hexachlorobenzene	16.507	284	119372	9.848	ng		97
69) Atrazine	16.666	200	106765	9.287	ng		99
70) Pentachlorophenol	16.848	266	55907	7.240	ng		95
71) Phenanthrene	17.254	178	590839	10.048	ng		99
72) Anthracene	17.348	178	586562	9.893	ng		99
73) Carbazole	17.619	167	573898	10.083	ng		99
74) Di-n-butylphthalate	18.236	149	637721	9.262	ng		99
75) Fluoranthene	19.348	202	691537	10.159	ng		98
77) Benzidine	19.531	184	371909	9.234	ng		99
78) Pyrene	19.719	202	730793	9.876	ng		99
80) Butylbenzylphthalate	20.678	149	229970	7.663	ng		97
81) Benzo(a)anthracene	21.630	228	727727	9.842	ng		98
82) 3,3'-Dichlorobenzidine	21.554	252	230264	8.826	ng		99
83) Chrysene	21.707	228	663697	9.677	ng		99
84) Bis(2-ethylhexyl)phtha...	21.601	149	396772	8.280	ng		100
85) Di-n-octyl phthalate	22.907	149	562282	7.010	ng		98
87) Indeno(1,2,3-cd)pyrene	28.859	276	762632	9.070	ng		99
88) Benzo(b)fluoranthene	23.966	252	674021	9.613	ng		99
89) Benzo(k)fluoranthene	24.036	252	670628	9.648	ng		99
90) Benzo(a)pyrene	24.871	252	648807	9.608	ng		99
91) Dibenzo(a,h)anthracene	28.948	278	630715	9.173	ng		99
92) Benzo(g,h,i)perylene	30.042	276	615632	9.120	ng		98

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

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