Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP071725\
Data File : BP025171.D
Acq On : 17 Jul 2025 10:04
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Jul 17 11:56:36 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	548833	20.000	ng	0.00
21) Naphthalene-d8	10.190	136	2065860	20.000	ng	0.00
39) Acenaphthene-d10	14.101	164	1270918	20.000	ng	0.01
64) Phenanthrene-d10	16.913	188	2252473	20.000	ng	0.00
76) Chrysene-d12	21.354	240	2649349	20.000	ng	0.01
86) Perylene-d12	24.507	264	3191462	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.108	112	2514629	81.182	ng	0.01
7) Phenol-d6	6.643	99	3129034	77.409	ng	0.01
23) Nitrobenzene-d5	8.578	82	2587769	83.306	ng	0.01
42) 2,4,6-Tribromophenol	15.625	330	1304785	86.906	ng	0.00
45) 2-Fluorobiphenyl	12.695	172	6662063	81.206	ng	0.00
79) Terphenyl-d14	19.683	244	8937571	74.142	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.125	88	467577	38.820	ng	97
3) Pyridine	3.496	79	1240432	37.616	ng	99
4) n-Nitrosodimethylamine	3.408	42	500463	35.844	ng	91
6) Aniline	6.790	93	1421431	37.637	ng	98
8) 2-Chlorophenol	7.019	128	1375751	39.696	ng	98
9) Benzaldehyde	6.596	77	716172	33.925	ng	98
10) Phenol	6.666	94	1555089	37.863	ng	97
11) bis(2-Chloroethyl)ether	6.884	93	1172656	37.098	ng	98
12) 1,3-Dichlorobenzene	7.331	146	1519469	39.175	ng	99
13) 1,4-Dichlorobenzene	7.478	146	1563448	39.812	ng	98
14) 1,2-Dichlorobenzene	7.784	146	1480153	39.182	ng	100
15) Benzyl Alcohol	7.672	79	1041933	38.620	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.972	45	1415393	34.437	ng	97
17) 2-Methylphenol	7.890	107	1030749	38.959	ng	99
18) Hexachloroethane	8.502	117	530891	41.498	ng	99
19) n-Nitroso-di-n-propyla...	8.243	70	861654	35.944	ng	96
20) 3+4-Methylphenols	8.213	107	1391126	37.539	ng	99
22) Acetophenone	8.249	105	1884269	38.567	ng	98
24) Nitrobenzene	8.613	77	1280256	40.463	ng	96
25) Isophorone	9.143	82	2231050	38.432	ng	98
26) 2-Nitrophenol	9.313	139	751592	48.885	ng	98
27) 2,4-Dimethylphenol	9.390	122	879943	40.635	ng	99
28) bis(2-Chloroethoxy)met...	9.619	93	1527459	38.752	ng	99
29) 2,4-Dichlorophenol	9.854	162	1296451	43.176	ng	99
30) 1,2,4-Trichlorobenzene	10.060	180	1366832	41.105	ng	99
31) Naphthalene	10.243	128	4182009	39.314	ng	100
32) Benzoic acid	9.537	122	1041435	48.122	ng	96
33) 4-Chloroaniline	10.348	127	1567657	39.490	ng	98
34) Hexachlorobutadiene	10.537	225	826350	43.305	ng	100
35) Caprolactam	11.125	113	412679	40.174	ng	97
36) 4-Chloro-3-methylphenol	11.490	107	1277277	40.705	ng	99
37) 2-Methylnaphthalene	11.860	142	2889632	38.500	ng	99
38) 1-Methylnaphthalene	12.101	142	2795239	38.186	ng	99
40) 1,2,4,5-Tetrachloroben...	12.242	216	1566225	42.880	ng	99
41) Hexachlorocyclopentadiene	12.231	237	454752	47.664	ng	99
43) 2,4,6-Trichlorophenol	12.495	196	1019247	46.084	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.566	196	1128202	45.011	ng	98
46) 1,1'-Biphenyl	12.907	154	3673827	39.730	ng	100
47) 2-Chloronaphthalene	12.937	162	2793859	40.198	ng	99
48) 2-Nitroaniline	13.154	65	720754	42.661	ng	92
49) Acenaphthylene	13.813	152	4319259	40.604	ng	100
50) Dimethylphthalate	13.566	163	3583568	40.281	ng	100
51) 2,6-Dinitrotoluene	13.672	165	780641	44.992	ng	88
52) Acenaphthene	14.166	154	2715261	39.603	ng	99
53) 3-Nitroaniline	14.001	138	856770	46.076	ng	98
54) 2,4-Dinitrophenol	14.219	184	433147	53.027	ng	93
55) Dibenzofuran	14.507	168	4487258	39.658	ng	99
56) 4-Nitrophenol	14.331	139	763600	44.499	ng	96
57) 2,4-Dinitrotoluene	14.472	165	1078058	42.647	ng	94
58) Fluorene	15.172	166	3468303	39.630	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.736	232	1029819	45.370	ng	95
60) Diethylphthalate	14.966	149	3585203	40.123	ng	99
61) 4-Chlorophenyl-phenyle...	15.178	204	1723359	39.790	ng	97
62) 4-Nitroaniline	15.189	138	889265	45.609	ng	98
63) Azobenzene	15.472	77	2692764	33.842	ng	96
65) 4,6-Dinitro-2-methylph...	15.266	198	595996	56.966	ng	96
66) n-Nitrosodiphenylamine	15.395	169	2910858	45.156	ng	99
67) 4-Bromophenyl-phenylether	16.089	248	996314	43.200	ng	97
68) Hexachlorobenzene	16.201	284	1193050	42.323	ng	97
69) Atrazine	16.395	200	837688	44.347	ng	98
70) Pentachlorophenol	16.566	266	899131	47.229	ng	99
71) Phenanthrene	16.960	178	4706094	39.100	ng	99
72) Anthracene	17.060	178	4666193	40.411	ng	99
73) Carbazole	17.348	167	4602099	40.763	ng	99
74) Di-n-butylphthalate	17.960	149	6065304	48.243	ng	99
75) Fluoranthene	19.066	202	5762029	40.956	ng	100
77) Benzidine	19.277	184	2571396	54.955	ng	97
78) Pyrene	19.442	202	5853349	35.670	ng	100
80) Butylbenzylphthalate	20.430	149	2824764	44.934	ng	98
81) Benzo(a)anthracene	21.330	228	6463787	40.259	ng	100
82) 3,3'-Dichlorobenzidine	21.271	252	2487734	51.471	ng	100
83) Chrysene	21.395	228	6100003	39.480	ng	100
84) Bis(2-ethylhexyl)phtha...	21.324	149	4111132	47.737	ng	99
85) Di-n-octyl phthalate	22.548	149	6674817	42.997	ng	97
87) Indeno(1,2,3-cd)pyrene	28.059	276	9356520m	46.020	ng	
88) Benzo(b)fluoranthene	23.518	252	6738494	36.275	ng	99
89) Benzo(k)fluoranthene	23.589	252	6252295	33.827	ng	99
90) Benzo(a)pyrene	24.354	252	6655562	42.097	ng	99
91) Dibenzo(a,h)anthracene	28.142	278	7699780	45.816	ng	98
92) Benzo(g,h,i)perylene	29.147	276	6969052	40.142	ng	99

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

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