Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090525\
Data File : BP025682.D
Acq On : 05 Sep 2025 18:49
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Sep 05 19:37:29 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 14 18:14:31 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.766	152	173376	20.000	ng		-0.03
21) Naphthalene-d8	10.543	136	718516	20.000	ng		-0.02
39) Acenaphthene-d10	14.395	164	464594	20.000	ng		-0.01
64) Phenanthrene-d10	17.189	188	917093	20.000	ng		-0.01
76) Chrysene-d12	21.648	240	937688	20.000	ng		0.00
86) Perylene-d12	25.018	264	1084588	20.000	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	793880	76.043	ng		-0.02
7) Phenol-d6	6.955	99	1011560	75.575	ng		-0.01
23) Nitrobenzene-d5	8.913	82	1135005	79.907	ng		-0.02
42) 2,4,6-Tribromophenol	15.913	330	513178	82.063	ng		0.00
45) 2-Fluorobiphenyl	13.001	172	2541641	74.767	ng		-0.02
79) Terphenyl-d14	19.919	244	3954463	77.158	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.319	88	151581	37.068	ng		95
3) Pyridine	3.714	79	411370	36.753	ng		92
4) n-Nitrosodimethylamine	3.619	42	195772	42.426	ng		85
6) Aniline	7.102	93	666597	36.963	ng		95
8) 2-Chlorophenol	7.349	128	447716	38.003	ng		97
9) Benzaldehyde	6.919	77	440328	46.955	ng		95
10) Phenol	6.984	94	526579	37.492	ng		93
11) bis(2-Chloroethyl)ether	7.196	93	412350	37.668	ng		97
12) 1,3-Dichlorobenzene	7.660	146	491657	37.847	ng		98
13) 1,4-Dichlorobenzene	7.802	146	495367	37.308	ng		98
14) 1,2-Dichlorobenzene	8.119	146	476282	37.056	ng		97
15) Benzyl Alcohol	8.007	79	414874	39.010	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.284	45	598526	40.814	ng		97
17) 2-Methylphenol	8.213	107	369449	37.875	ng		96
18) Hexachloroethane	8.837	117	192857	39.504	ng		99
19) n-Nitroso-di-n-propyla...	8.566	70	347545	39.200	ng		96
20) 3+4-Methylphenols	8.537	107	506393	37.452	ng		98
22) Acetophenone	8.584	105	692341	38.423	ng	#	96
24) Nitrobenzene	8.954	77	497576	39.197	ng		98
25) Isophorone	9.484	82	992074	39.466	ng		98
26) 2-Nitrophenol	9.660	139	255157	39.166	ng		94
27) 2,4-Dimethylphenol	9.725	122	417358	37.252	ng		97
28) bis(2-Chloroethoxy)met...	9.954	93	565703	37.229	ng		99
29) 2,4-Dichlorophenol	10.201	162	425779	38.257	ng		97
30) 1,2,4-Trichlorobenzene	10.407	180	449670	36.857	ng		98
31) Naphthalene	10.596	128	1376787	36.866	ng		100
32) Benzoic acid	9.896	122	314208	37.988	ng		92
33) 4-Chloroaniline	10.701	127	608186	36.868	ng		98
34) Hexachlorobutadiene	10.878	225	294903	38.813	ng		99
35) Caprolactam	11.501	113	153724	37.668	ng		95
36) 4-Chloro-3-methylphenol	11.837	107	504009	39.466	ng		93
37) 2-Methylnaphthalene	12.207	142	897423	36.926	ng		97
38) 1-Methylnaphthalene	12.419	142	946618	36.626	ng		99
40) 1,2,4,5-Tetrachloroben...	12.572	216	525816	39.187	ng		99
41) Hexachlorocyclopentadiene	12.554	237	316554	39.057	ng		99
43) 2,4,6-Trichlorophenol	12.819	196	357015	39.412	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	388606	39.142	ng		98
46) 1,1'-Biphenyl	13.219	154	1286346	38.124	ng		100
47) 2-Chloronaphthalene	13.260	162	990580	37.711	ng		98
48) 2-Nitroaniline	13.460	65	330761	43.216	ng		92
49) Acenaphthylene	14.113	152	1638512	37.697	ng		99
50) Dimethylphthalate	13.848	163	1301190	38.246	ng		99
51) 2,6-Dinitrotoluene	13.966	165	278245	38.803	ng	#	84
52) Acenaphthene	14.460	154	931225	36.500	ng		99
53) 3-Nitroaniline	14.307	138	305827	37.907	ng		97
54) 2,4-Dinitrophenol	14.519	184	180183	47.052	ng		94
55) Dibenzofuran	14.795	168	1484994	36.815	ng		96
56) 4-Nitrophenol	14.642	139	235000	35.447	ng		92
57) 2,4-Dinitrotoluene	14.766	165	406983	39.780	ng		94
58) Fluorene	15.460	166	1191981	37.450	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.036	232	344273	39.273	ng		98
60) Diethylphthalate	15.231	149	1359565	39.328	ng		99
61) 4-Chlorophenyl-phenyle...	15.454	204	599860	37.895	ng		97
62) 4-Nitroaniline	15.483	138	310948	37.595	ng		90
63) Azobenzene	15.754	77	1201065	40.576	ng		98
65) 4,6-Dinitro-2-methylph...	15.548	198	250948	43.897	ng		88
66) n-Nitrosodiphenylamine	15.672	169	1067558	38.174	ng		100
67) 4-Bromophenyl-phenylether	16.366	248	387338	38.402	ng		96
68) Hexachlorobenzene	16.489	284	456871	39.075	ng		95
69) Atrazine	16.648	200	410886	39.232	ng		99
70) Pentachlorophenol	16.842	266	291484	39.493	ng		96
71) Phenanthrene	17.236	178	1902337	37.761	ng		99
72) Anthracene	17.330	178	1969392	38.280	ng		100
73) Carbazole	17.607	167	1799803	37.141	ng		98
74) Di-n-butylphthalate	18.201	149	2403666	40.316	ng		100
75) Fluoranthene	19.319	202	2222328	36.981	ng		99
77) Benzidine	19.519	184	1025521	32.046	ng		99
78) Pyrene	19.695	202	2293591	37.633	ng		100
80) Butylbenzylphthalate	20.642	149	1104404	39.983	ng		96
81) Benzo(a)anthracene	21.618	228	2292479	37.071	ng		100
82) 3,3'-Dichlorobenzidine	21.554	252	841535	36.103	ng		99
83) Chrysene	21.701	228	2159008	37.280	ng		99
84) Bis(2-ethylhexyl)phtha...	21.560	149	1601275	39.381	ng		100
85) Di-n-octyl phthalate	22.848	149	2866059	40.980	ng		97
87) Indeno(1,2,3-cd)pyrene	28.889	276	2982540	37.498	ng	#	93
88) Benzo(b)fluoranthene	23.960	252	2336697	36.537	ng		99
89) Benzo(k)fluoranthene	24.024	252	2374099	37.096	ng		99
90) Benzo(a)pyrene	24.865	252	2318506	37.242	ng		99
91) Dibenzo(a,h)anthracene	28.953	278	2481909	38.183	ng		98
92) Benzo(g,h,i)perylene	30.083	276	2422496	37.914	ng		97

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

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