Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082025\
Data File : BP025528.D
Acq On : 21 Aug 2025 06:42
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Aug 21 07:32:36 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	7.790	152	210336	20.000	ng		0.00
21) Naphthalene-d8	10.560	136	893021	20.000	ng		0.00
39) Acenaphthene-d10	14.401	164	582847	20.000	ng		0.00
64) Phenanthrene-d10	17.201	188	1185139	20.000	ng		0.00
76) Chrysene-d12	21.642	240	966898	20.000	ng		0.00
86) Perylene-d12	25.001	264	954709	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.402	112	1018965	80.452	ng		0.00
7) Phenol-d6	6.966	99	1335936	82.271	ng		0.00
23) Nitrobenzene-d5	8.931	82	1443187	81.750	ng		0.00
42) 2,4,6-Tribromophenol	15.913	330	639783	81.551	ng		0.00
45) 2-Fluorobiphenyl	13.013	172	3224036	75.599	ng		0.00
79) Terphenyl-d14	19.924	244	4732498	89.549	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.331	88	197014	39.712	ng		98
3) Pyridine	3.725	79	535552	39.440	ng		94
4) n-Nitrosodimethylamine	3.631	42	248430	44.377	ng		94
6) Aniline	7.125	93	887762	40.577	ng		98
8) 2-Chlorophenol	7.360	128	581806	40.707	ng		98
9) Benzaldehyde	6.937	77	559981	49.222	ng		96
10) Phenol	6.996	94	699876	41.075	ng		97
11) bis(2-Chloroethyl)ether	7.213	93	534841	40.272	ng		98
12) 1,3-Dichlorobenzene	7.678	146	627773	39.834	ng		98
13) 1,4-Dichlorobenzene	7.819	146	637445	39.573	ng		99
14) 1,2-Dichlorobenzene	8.137	146	617713	39.615	ng		99
15) Benzyl Alcohol	8.025	79	543909	42.156	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.302	45	766477	43.083	ng		97
17) 2-Methylphenol	8.225	107	487657	41.208	ng		98
18) Hexachloroethane	8.854	117	241449	40.767	ng		99
19) n-Nitroso-di-n-propyla...	8.584	70	436071	40.542	ng		96
20) 3+4-Methylphenols	8.549	107	670504	40.875	ng		94
22) Acetophenone	8.596	105	901234	40.242	ng	#	97
24) Nitrobenzene	8.972	77	652095	41.331	ng		98
25) Isophorone	9.496	82	1274526	40.795	ng		99
26) 2-Nitrophenol	9.672	139	332366	41.048	ng		98
27) 2,4-Dimethylphenol	9.737	122	569584	40.905	ng		99
28) bis(2-Chloroethoxy)met...	9.966	93	752214	39.830	ng		98
29) 2,4-Dichlorophenol	10.207	162	557739	40.321	ng		99
30) 1,2,4-Trichlorobenzene	10.419	180	579601	38.224	ng		99
31) Naphthalene	10.607	128	1813476	39.071	ng		99
32) Benzoic acid	9.896	122	439768	42.778	ng		97
33) 4-Chloroaniline	10.707	127	829890	40.477	ng		99
34) Hexachlorobutadiene	10.896	225	371034	39.290	ng		98
35) Caprolactam	11.507	113	207200	40.851	ng		98
36) 4-Chloro-3-methylphenol	11.837	107	654337	41.225	ng		98
37) 2-Methylnaphthalene	12.213	142	1199198	39.701	ng		99
38) 1-Methylnaphthalene	12.431	142	1254785	39.062	ng		99
40) 1,2,4,5-Tetrachloroben...	12.584	216	669588	39.778	ng		99
41) Hexachlorocyclopentadiene	12.566	237	407908	40.117	ng		98
43) 2,4,6-Trichlorophenol	12.825	196	478356	42.093	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.901	196	520387	41.781	ng	99
46) 1,1'-Biphenyl	13.231	154	1701266	40.191	ng	99
47) 2-Chloronaphthalene	13.272	162	1310696	39.774	ng	100
48) 2-Nitroaniline	13.466	65	435470	45.353	ng	97
49) Acenaphthylene	14.119	152	2178041	39.943	ng	99
50) Dimethylphthalate	13.854	163	1751072	41.027	ng	99
51) 2,6-Dinitrotoluene	13.972	165	384470	42.738	ng	94
52) Acenaphthene	14.466	154	1253527	39.164	ng	99
53) 3-Nitroaniline	14.301	138	428348	42.321	ng	95
54) 2,4-Dinitrophenol	14.507	184	202691	42.191	ng	97
55) Dibenzofuran	14.801	168	2020338	39.925	ng	98
56) 4-Nitrophenol	14.619	139	357906	43.033	ng	93
57) 2,4-Dinitrotoluene	14.766	165	561949	43.783	ng	97
58) Fluorene	15.466	166	1529223	38.298	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.036	232	455330	41.403	ng	97
60) Diethylphthalate	15.236	149	1793007	41.343	ng	99
61) 4-Chlorophenyl-phenyle...	15.460	204	755243	38.031	ng	94
62) 4-Nitroaniline	15.483	138	422646	40.733	ng	92
63) Azobenzene	15.760	77	1581016	42.575	ng	96
65) 4,6-Dinitro-2-methylph...	15.542	198	311124	42.114	ng	96
66) n-Nitrosodiphenylamine	15.684	169	1424731	39.423	ng	99
67) 4-Bromophenyl-phenylether	16.378	248	514245	39.453	ng	97
68) Hexachlorobenzene	16.495	284	591430	39.143	ng	99
69) Atrazine	16.660	200	547846	40.478	ng	97
70) Pentachlorophenol	16.848	266	401483	42.093	ng	96
71) Phenanthrene	17.248	178	2545441	39.098	ng	99
72) Anthracene	17.342	178	2577328	38.766	ng	99
73) Carbazole	17.619	167	2426628	38.750	ng	99
74) Di-n-butylphthalate	18.213	149	3085121	40.043	ng	100
75) Fluoranthene	19.319	202	2895789	37.289	ng	98
77) Benzidine	19.524	184	1206527	36.563	ng	100
78) Pyrene	19.695	202	2933533	46.678	ng	100
80) Butylbenzylphthalate	20.654	149	1316128	46.209	ng	97
81) Benzo(a)anthracene	21.618	228	2546412	39.933	ng	99
82) 3,3'-Dichlorobenzidine	21.542	252	894776	37.227	ng	99
83) Chrysene	21.689	228	2359088	39.504	ng	99
84) Bis(2-ethylhexyl)phtha...	21.566	149	1755836	41.878	ng	100
85) Di-n-octyl phthalate	22.854	149	2625098	36.401	ng	98
87) Indeno(1,2,3-cd)pyrene	28.848	276	2950656	42.143	ng	99
88) Benzo(b)fluoranthene	23.954	252	2249885	39.965	ng	99
89) Benzo(k)fluoranthene	24.018	252	2214493	39.310	ng	99
90) Benzo(a)pyrene	24.854	252	2196644	40.085	ng	99
91) Dibenzo(a,h)anthracene	28.936	278	2413697	42.186	ng	100
92) Benzo(g,h,i)perylene	30.047	276	2420845	43.043	ng	100

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

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