Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080125\
Data File : BP025296.D
Acq On : 01 Aug 2025 16:27
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Aug 01 16:56:07 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP072125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 29 15:28:11 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.390	152	522925	20.000	ng		-0.01
21) Naphthalene-d8	10.131	136	2105245	20.000	ng		-0.01
39) Acenaphthene-d10	14.042	164	1277535	20.000	ng		0.00
64) Phenanthrene-d10	16.860	188	2434883	20.000	ng		-0.02
76) Chrysene-d12	21.295	240	2444804	20.000	ng		-0.01
86) Perylene-d12	24.406	264	2879913	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.096	112	2635927	85.170	ng		-0.01
7) Phenol-d6	6.637	99	3263416	85.137	ng		-0.01
23) Nitrobenzene-d5	8.531	82	3397599	89.688	ng		0.00
42) 2,4,6-Tribromophenol	15.589	330	1444904	76.719	ng		0.01
45) 2-Fluorobiphenyl	12.642	172	8060452	88.951	ng		0.00
79) Terphenyl-d14	19.630	244	10918327	88.159	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.102	88	483863	41.715	ng		96
3) Pyridine	3.484	79	1295974	41.739	ng		97
4) n-Nitrosodimethylamine	3.396	42	585393	47.541	ng		87
6) Aniline	6.748	93	1770227	35.330	ng		98
8) 2-Chlorophenol	6.990	128	1492341	42.498	ng		98
9) Benzaldehyde	6.566	77	974538	37.498	ng		96
10) Phenol	6.666	94	1674130	42.114	ng		96
11) bis(2-Chloroethyl)ether	6.843	93	1418513	46.544	ng		99
12) 1,3-Dichlorobenzene	7.284	146	1639388	41.515	ng		98
13) 1,4-Dichlorobenzene	7.425	146	1667076	41.823	ng		99
14) 1,2-Dichlorobenzene	7.731	146	1586444	41.372	ng		99
15) Benzyl Alcohol	7.654	79	1131328	40.917	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.919	45	1754716	44.998	ng		99
17) 2-Methylphenol	7.872	107	1172330	42.538	ng		98
18) Hexachloroethane	8.437	117	594441	43.365	ng		98
19) n-Nitroso-di-n-propyla...	8.195	70	997873	43.274	ng		96
20) 3+4-Methylphenols	8.195	107	1554256	41.344	ng	#	68
22) Acetophenone	8.207	105	2098756	42.843	ng	#	94
24) Nitrobenzene	8.578	77	1494275	44.250	ng		95
25) Isophorone	9.095	82	2759371	41.421	ng		98
26) 2-Nitrophenol	9.278	139	811560	41.850	ng		96
27) 2,4-Dimethylphenol	9.360	122	1331691	41.040	ng		96
28) bis(2-Chloroethoxy)met...	9.572	93	1773777	42.569	ng		99
29) 2,4-Dichlorophenol	9.825	162	1371495	41.141	ng		98
30) 1,2,4-Trichlorobenzene	10.007	180	1486986	40.839	ng		99
31) Naphthalene	10.178	128	4461272	41.412	ng		100
32) Benzoic acid	9.589	122	767501m	30.982	ng		
33) 4-Chloroaniline	10.319	127	1554176	32.820	ng		99
34) Hexachlorobutadiene	10.472	225	893719	40.781	ng		100
35) Caprolactam	11.136	113	411853	37.225	ng		86
36) 4-Chloro-3-methylphenol	11.483	107	1352293	40.580	ng		97
37) 2-Methylnaphthalene	11.807	142	2820453	40.319	ng		99
38) 1-Methylnaphthalene	12.036	142	2975271	40.490	ng		100
40) 1,2,4,5-Tetrachloroben...	12.183	216	1618940	42.277	ng		99
41) Hexachlorocyclopentadiene	12.172	237	938653	41.062	ng		100
43) 2,4,6-Trichlorophenol	12.460	196	1082056	41.355	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.554	196	1166420	40.510	ng		98
46) 1,1'-Biphenyl	12.854	154	3953388	42.688	ng		99
47) 2-Chloronaphthalene	12.889	162	3069950	42.459	ng		100
48) 2-Nitroaniline	13.125	65	835329	45.239	ng		94
49) Acenaphthylene	13.760	152	4994365	42.707	ng		100
50) Dimethylphthalate	13.519	163	3763793	41.195	ng		99
51) 2,6-Dinitrotoluene	13.625	165	833082	41.964	ng	#	88
52) Acenaphthene	14.113	154	2827597	41.813	ng		100
53) 3-Nitroaniline	13.972	138	813181	36.324	ng		98
54) 2,4-Dinitrophenol	14.201	184	438217	37.256	ng		97
55) Dibenzofuran	14.460	168	4554005	41.690	ng		97
56) 4-Nitrophenol	14.372	139	875649	45.709	ng		88
57) 2,4-Dinitrotoluene	14.442	165	1174174	42.253	ng	#	86
58) Fluorene	15.113	166	3631265	41.873	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.701	232	970364	38.081	ng		95
60) Diethylphthalate	14.919	149	3668249	40.735	ng		100
61) 4-Chlorophenyl-phenyle...	15.130	204	1795905	40.983	ng		96
62) 4-Nitroaniline	15.177	138	792548	34.810	ng		92
63) Azobenzene	15.424	77	3245867	44.232	ng		95
65) 4,6-Dinitro-2-methylph...	15.230	198	668889	42.567	ng		92
66) n-Nitrosodiphenylamine	15.348	169	3118339	42.194	ng		99
67) 4-Bromophenyl-phenylether	16.042	248	1170210	41.181	ng		97
68) Hexachlorobenzene	16.154	284	1369270	40.575	ng	#	93
69) Atrazine	16.360	200	1196251	43.742	ng		99
70) Pentachlorophenol	16.530	266	968414	42.200	ng		99
71) Phenanthrene	16.901	178	5441978	41.439	ng		100
72) Anthracene	17.001	178	5754193	43.494	ng		100
73) Carbazole	17.301	167	5195391	41.138	ng		99
74) Di-n-butylphthalate	17.895	149	6285915	43.137	ng		99
75) Fluoranthene	19.001	202	6320234	40.892	ng		99
77) Benzidine	19.236	184	2623320	30.563	ng		99
78) Pyrene	19.383	202	6550875	43.457	ng		99
80) Butylbenzylphthalate	20.371	149	2912861	42.688	ng		95
81) Benzo(a)anthracene	21.277	228	6521292	42.239	ng		100
82) 3,3'-Dichlorobenzidine	21.212	252	2464113	38.503	ng		99
83) Chrysene	21.342	228	6024503	41.801	ng		100
84) Bis(2-ethylhexyl)phtha...	21.259	149	4266625	43.729	ng		99
85) Di-n-octyl phthalate	22.448	149	7255477	43.063	ng		99
87) Indeno(1,2,3-cd)pyrene	27.888	276	8752505m	41.588	ng		
88) Benzo(b)fluoranthene	23.430	252	6965669	42.255	ng		99
89) Benzo(k)fluoranthene	23.500	252	6851418	42.100	ng		99
90) Benzo(a)pyrene	24.271	252	6666738	41.449	ng		99
91) Dibenzo(a,h)anthracene	27.977	278	7269649	42.339	ng		99
92) Benzo(g,h,i)perylene	28.988	276	7033485	41.683	ng		97

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

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