Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP090225\
Data File : BP025637.D
Acq On : 02 Sep 2025 14:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Sep 02 14:38:56 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	7.778	152	197399	20.000	ng		-0.02
21) Naphthalene-d8	10.537	136	799046	20.000	ng		-0.02
39) Acenaphthene-d10	14.384	164	505529	20.000	ng		-0.02
64) Phenanthrene-d10	17.190	188	949320	20.000	ng		-0.01
76) Chrysene-d12	21.625	240	971561	20.000	ng		-0.02
86) Perylene-d12	25.001	264	1105926	20.000	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.396	112	945776	79.567	ng		-0.01
7) Phenol-d6	6.967	99	1209236	79.349	ng		0.00
23) Nitrobenzene-d5	8.919	82	1291279	81.747	ng		-0.02
42) 2,4,6-Tribromophenol	15.901	330	555176	81.590	ng		-0.01
45) 2-Fluorobiphenyl	12.996	172	2912702	78.744	ng		-0.02
79) Terphenyl-d14	19.907	244	4335368	81.640	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.320	88	178045	38.241	ng		96
3) Pyridine	3.720	79	500756	39.295	ng		96
4) n-Nitrosodimethylamine	3.626	42	232103	44.178	ng		93
6) Aniline	7.108	93	815497	39.717	ng		98
8) 2-Chlorophenol	7.355	128	529026	39.440	ng		97
9) Benzaldehyde	6.925	77	518596	48.571	ng		95
10) Phenol	6.990	94	631026	39.461	ng		97
11) bis(2-Chloroethyl)ether	7.202	93	490888	39.385	ng		98
12) 1,3-Dichlorobenzene	7.667	146	591949	40.022	ng		98
13) 1,4-Dichlorobenzene	7.808	146	591013	39.095	ng		100
14) 1,2-Dichlorobenzene	8.119	146	577695	39.476	ng		99
15) Benzyl Alcohol	8.008	79	477629	39.445	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.290	45	683778	40.953	ng		99
17) 2-Methylphenol	8.214	107	434304	39.105	ng		98
18) Hexachloroethane	8.843	117	223759	40.256	ng		98
19) n-Nitroso-di-n-propyla...	8.572	70	388695	38.506	ng		97
20) 3+4-Methylphenols	8.543	107	587376	38.154	ng		97
22) Acetophenone	8.590	105	801506	39.998	ng	#	98
24) Nitrobenzene	8.961	77	581984	41.226	ng		100
25) Isophorone	9.478	82	1091366	39.040	ng		99
26) 2-Nitrophenol	9.661	139	300033	41.413	ng		98
27) 2,4-Dimethylphenol	9.725	122	487393	39.119	ng		99
28) bis(2-Chloroethoxy)met...	9.949	93	656676	38.861	ng		100
29) 2,4-Dichlorophenol	10.202	162	475132	38.389	ng		98
30) 1,2,4-Trichlorobenzene	10.408	180	536315	39.529	ng		99
31) Naphthalene	10.590	128	1624586	39.118	ng		99
32) Benzoic acid	9.890	122	344100	37.409	ng		97
33) 4-Chloroaniline	10.696	127	708687	38.631	ng		99
34) Hexachlorobutadiene	10.872	225	340482	40.295	ng		99
35) Caprolactam	11.490	113	171939	37.886	ng		95
36) 4-Chloro-3-methylphenol	11.831	107	550962	38.794	ng		98
37) 2-Methylnaphthalene	12.196	142	1036465	38.349	ng		99
38) 1-Methylnaphthalene	12.413	142	1086915	37.816	ng		100
40) 1,2,4,5-Tetrachloroben...	12.566	216	590554	40.448	ng		99
41) Hexachlorocyclopentadiene	12.549	237	331436	37.582	ng		100
43) 2,4,6-Trichlorophenol	12.807	196	395373	40.112	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.890	196	429628	39.770	ng	99
46) 1,1'-Biphenyl	13.207	154	1452546	39.563	ng	99
47) 2-Chloronaphthalene	13.249	162	1125023	39.362	ng	99
48) 2-Nitroaniline	13.454	65	352986	42.385	ng	98
49) Acenaphthylene	14.107	152	1853648	39.193	ng	100
50) Dimethylphthalate	13.837	163	1444423	39.018	ng	100
51) 2,6-Dinitrotoluene	13.954	165	307812	39.450	ng	99
52) Acenaphthene	14.454	154	1057829	38.105	ng	99
53) 3-Nitroaniline	14.284	138	338266	38.533	ng	94
54) 2,4-Dinitrophenol	14.507	184	179284	43.027	ng	97
55) Dibenzofuran	14.790	168	1687117	38.439	ng	100
56) 4-Nitrophenol	14.631	139	243104	33.700	ng	91
57) 2,4-Dinitrotoluene	14.760	165	439695	39.497	ng	99
58) Fluorene	15.454	166	1336736	38.598	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.019	232	379446	39.780	ng	99
60) Diethylphthalate	15.219	149	1425161	37.888	ng	99
61) 4-Chlorophenyl-phenyle...	15.443	204	663915	38.546	ng	97
62) 4-Nitroaniline	15.472	138	348408	38.714	ng	97
63) Azobenzene	15.743	77	1306891	40.576	ng	98
65) 4,6-Dinitro-2-methylph...	15.537	198	268775	45.420	ng	93
66) n-Nitrosodiphenylamine	15.660	169	1181762	40.823	ng	100
67) 4-Bromophenyl-phenylether	16.354	248	434858	41.650	ng	96
68) Hexachlorobenzene	16.484	284	506288	41.832	ng	95
69) Atrazine	16.637	200	431851	39.834	ng	98
70) Pentachlorophenol	16.837	266	309843	40.555	ng	97
71) Phenanthrene	17.231	178	2082253	39.929	ng	99
72) Anthracene	17.325	178	2155419	40.474	ng	100
73) Carbazole	17.601	167	2009995	40.070	ng	99
74) Di-n-butylphthalate	18.195	149	2463156	39.912	ng	100
75) Fluoranthene	19.313	202	2468240	39.679	ng	98
77) Benzidine	19.507	184	1194960	36.039	ng	99
78) Pyrene	19.695	202	2523442	39.960	ng	100
80) Butylbenzylphthalate	20.636	149	1137207	39.735	ng	98
81) Benzo(a)anthracene	21.607	228	2520943	39.344	ng	100
82) 3,3'-Dichlorobenzidine	21.525	252	902655	37.375	ng	99
83) Chrysene	21.678	228	2421498	40.354	ng	100
84) Bis(2-ethylhexyl)phtha...	21.542	149	1628412	38.652	ng	100
85) Di-n-octyl phthalate	22.830	149	2855159	39.401	ng	98
87) Indeno(1,2,3-cd)pyrene	28.812	276	3187732	39.304	ng	100
88) Benzo(b)fluoranthene	23.936	252	2570108	39.411	ng	99
89) Benzo(k)fluoranthene	24.007	252	2575849	39.472	ng	99
90) Benzo(a)pyrene	24.848	252	2510169	39.543	ng	99
91) Dibenzo(a,h)anthracene	28.924	278	2622752	39.572	ng	97
92) Benzo(g,h,i)perylene	30.024	276	2565656	39.380	ng	98

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

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