Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050925\
Data File : BP024585.D
Acq On : 09 May 2025 10:58
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 09 12:08:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 09 12:07:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.698	152	155566	20.000	ng		0.00
21) Naphthalene-d8	10.469	136	636176	20.000	ng	#	0.00
39) Acenaphthene-d10	14.333	164	383968	20.000	ng		0.00
64) Phenanthrene-d10	17.127	188	743842	20.000	ng		0.00
76) Chrysene-d12	21.568	240	826088	20.000	ng	#	0.00
86) Perylene-d12	24.886	264	960219	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.328	112	760613	80.843	ng		0.00
7) Phenol-d6	6.893	99	975756	75.740	ng		0.00
23) Nitrobenzene-d5	8.845	82	913922	81.916	ng		0.00
42) 2,4,6-Tribromophenol	15.845	330	530919	99.940	ng		0.00
45) 2-Fluorobiphenyl	12.939	172	2179508	86.910	ng		0.00
79) Terphenyl-d14	19.851	244	3510736	85.661	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	150967	37.935	ng	#	94
3) Pyridine	3.669	79	359703	34.230	ng	#	90
4) n-Nitrosodimethylamine	3.581	42	163224	46.802	ng	#	74
6) Aniline	7.040	93	408264	35.464	ng		96
8) 2-Chlorophenol	7.275	128	420806	40.059	ng		99
9) Benzaldehyde	6.857	77	291674	45.769	ng		97
10) Phenol	6.916	94	483380	37.403	ng		88
11) bis(2-Chloroethyl)ether	7.134	93	375394	36.052	ng		99
12) 1,3-Dichlorobenzene	7.593	146	453305	40.084	ng		99
13) 1,4-Dichlorobenzene	7.734	146	456510	39.786	ng		99
14) 1,2-Dichlorobenzene	8.045	146	443149	39.996	ng		99
15) Benzyl Alcohol	7.945	79	342276	41.083	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.228	45	416393	36.996	ng		99
17) 2-Methylphenol	8.145	107	327672	39.194	ng		96
18) Hexachloroethane	8.763	117	171659	41.397	ng		97
19) n-Nitroso-di-n-propyla...	8.498	70	294726	36.979	ng		92
20) 3+4-Methylphenols	8.469	107	452304	38.991	ng		96
22) Acetophenone	8.510	105	631417	40.101	ng	#	96
24) Nitrobenzene	8.887	77	439833	39.851	ng		99
25) Isophorone	9.410	82	778156	38.533	ng		97
26) 2-Nitrophenol	9.598	139	241407	44.695	ng	#	93
27) 2,4-Dimethylphenol	9.657	122	278102	41.007	ng		98
28) bis(2-Chloroethoxy)met...	9.887	93	505926	37.085	ng		99
29) 2,4-Dichlorophenol	10.134	162	389764	42.150	ng		100
30) 1,2,4-Trichlorobenzene	10.334	180	414070	41.793	ng		99
31) Naphthalene	10.522	128	1331340	39.728	ng		99
32) Benzoic acid	9.834	122	286593	36.267	ng		99
33) 4-Chloroaniline	10.639	127	468184	39.672	ng		99
34) Hexachlorobutadiene	10.804	225	268659	46.146	ng		99
35) Caprolactam	11.434	113	133026	38.988	ng		98
36) 4-Chloro-3-methylphenol	11.775	107	447841	41.580	ng		99
37) 2-Methylnaphthalene	12.133	142	928198	39.938	ng		96
38) 1-Methylnaphthalene	12.351	142	897853	39.491	ng		99
40) 1,2,4,5-Tetrachloroben...	12.510	216	473190	44.813	ng		99
41) Hexachlorocyclopentadiene	12.486	237	162504	43.514	ng		97
43) 2,4,6-Trichlorophenol	12.757	196	316046	45.019	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	347810	44.740	ng		99
46) 1,1'-Biphenyl	13.157	154	1183366	41.928	ng		98
47) 2-Chloronaphthalene	13.198	162	886374	42.020	ng		98
48) 2-Nitroaniline	13.416	65	265511	44.873	ng		97
49) Acenaphthylene	14.051	152	1358680	40.911	ng		100
50) Dimethylphthalate	13.792	163	1174288	42.055	ng		99
51) 2,6-Dinitrotoluene	13.910	165	246346	41.547	ng		90
52) Acenaphthene	14.404	154	839777	39.885	ng		97
53) 3-Nitroaniline	14.251	138	252323	40.489	ng		99
54) 2,4-Dinitrophenol	14.469	184	142696	40.856	ng		89
55) Dibenzofuran	14.739	168	1381918	40.154	ng		94
56) 4-Nitrophenol	14.598	139	243155	45.178	ng		86
57) 2,4-Dinitrotoluene	14.716	165	353148	43.661	ng	#	96
58) Fluorene	15.398	166	1095376	41.115	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.974	232	312206	43.543	ng		98
60) Diethylphthalate	15.174	149	1220722	42.423	ng		99
61) 4-Chlorophenyl-phenyle...	15.398	204	550022	42.514	ng		98
62) 4-Nitroaniline	15.433	138	263527	39.946	ng		86
63) Azobenzene	15.692	77	1038783	39.277	ng		95
65) 4,6-Dinitro-2-methylph...	15.486	198	200163	42.682	ng		93
66) n-Nitrosodiphenylamine	15.616	169	931490	41.955	ng		99
67) 4-Bromophenyl-phenylether	16.304	248	369181	45.380	ng		98
68) Hexachlorobenzene	16.421	284	451910	46.748	ng		99
69) Atrazine	16.586	200	208326	36.842	ng		98
70) Pentachlorophenol	16.780	266	306135	45.394	ng		100
71) Phenanthrene	17.180	178	1635448	40.303	ng		99
72) Anthracene	17.268	178	1638203	41.888	ng		99
73) Carbazole	17.557	167	1556126	40.722	ng		99
74) Di-n-butylphthalate	18.133	149	2098211	44.072	ng		99
75) Fluoranthene	19.257	202	2010929	41.667	ng		97
77) Benzidine	19.468	184	283091	27.035	ng		99
78) Pyrene	19.633	202	2069823	39.426	ng		99
80) Butylbenzylphthalate	20.580	149	962655	42.810	ng		95
81) Benzo(a)anthracene	21.545	228	2048905	39.904	ng		100
82) 3,3'-Dichlorobenzidine	21.468	252	775800	43.047	ng		99
83) Chrysene	21.615	228	1992379	40.502	ng		100
84) Bis(2-ethylhexyl)phtha...	21.474	149	1376730	41.764	ng		99
85) Di-n-octyl phthalate	22.745	149	2341225	43.687	ng		99
87) Indeno(1,2,3-cd)pyrene	28.662	276	2744381	41.168	ng		97
88) Benzo(b)fluoranthene	23.839	252	2289961	39.786	ng	#	97
89) Benzo(k)fluoranthene	23.909	252	2277732m	40.969	ng		
90) Benzo(a)pyrene	24.727	252	2045047	41.191	ng	#	97
91) Dibenzo(a,h)anthracene	28.738	278	2274377	41.104	ng		97
92) Benzo(g,h,i)perylene	29.827	276	2311639	41.045	ng	#	94

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

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