Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052025\
Data File : BP024720.D
Acq On : 21 May 2025 00:47
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: May 21 01:28:16 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 16:21:39 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.652	152	101301	20.000	ng		-0.01
21) Naphthalene-d8	10.422	136	430577	20.000	ng		-0.01
39) Acenaphthene-d10	14.281	164	274136	20.000	ng		-0.02
64) Phenanthrene-d10	17.075	188	569223	20.000	ng		-0.02
76) Chrysene-d12	21.504	240	664451	20.000	ng		-0.02
86) Perylene-d12	24.768	264	794762	20.000	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	427008	72.096	ng		0.00
7) Phenol-d6	6.857	99	553972	73.286	ng		0.00
23) Nitrobenzene-d5	8.799	82	585419	68.697	ng		-0.01
42) 2,4,6-Tribromophenol	15.804	330	415657	89.439	ng		0.00
45) 2-Fluorobiphenyl	12.892	172	1698923	81.193	ng		-0.01
79) Terphenyl-d14	19.798	244	3086226	79.644	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.222	88	95318	34.273	ng		97
3) Pyridine	3.616	79	207750	33.688	ng		93
4) n-Nitrosodimethylamine	3.528	42	99424	36.519	ng		83
6) Aniline	6.993	93	345939	35.447	ng		98
8) 2-Chlorophenol	7.234	128	254469	37.847	ng		98
9) Benzaldehyde	6.810	77	175568	35.880	ng		99
10) Phenol	6.887	94	277649	35.587	ng		97
11) bis(2-Chloroethyl)ether	7.087	93	216686	33.800	ng		99
12) 1,3-Dichlorobenzene	7.540	146	292684	37.836	ng		99
13) 1,4-Dichlorobenzene	7.687	146	297553	38.245	ng		99
14) 1,2-Dichlorobenzene	7.999	146	284713	37.555	ng		100
15) Benzyl Alcohol	7.904	79	215093	37.445	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.169	45	266715	34.740	ng		99
17) 2-Methylphenol	8.110	107	210619	37.639	ng		98
18) Hexachloroethane	8.716	117	106031	35.564	ng		99
19) n-Nitroso-di-n-propyla...	8.451	70	171754	32.847	ng		95
20) 3+4-Methylphenols	8.440	107	265948	34.939	ng		97
22) Acetophenone	8.469	105	372737	34.655	ng	#	97
24) Nitrobenzene	8.846	77	254406	33.924	ng		94
25) Isophorone	9.363	82	495709	33.534	ng		97
26) 2-Nitrophenol	9.551	139	146955	39.990	ng		97
27) 2,4-Dimethylphenol	9.622	122	244254	37.699	ng		97
28) bis(2-Chloroethoxy)met...	9.840	93	301041	34.087	ng		98
29) 2,4-Dichlorophenol	10.093	162	246970	39.336	ng		98
30) 1,2,4-Trichlorobenzene	10.287	180	279384	39.488	ng		99
31) Naphthalene	10.469	128	855993	38.363	ng		100
32) Benzoic acid	9.793	122	140333	33.740	ng		98
33) 4-Chloroaniline	10.593	127	356244	39.566	ng		98
34) Hexachlorobutadiene	10.751	225	186367	40.662	ng		98
35) Caprolactam	11.387	113	86473	38.067	ng		98
36) 4-Chloro-3-methylphenol	11.740	107	297380	38.840	ng		99
37) 2-Methylnaphthalene	12.081	142	557293	38.573	ng		99
38) 1-Methylnaphthalene	12.304	142	594355	38.448	ng		99
40) 1,2,4,5-Tetrachloroben...	12.457	216	328274	41.237	ng		99
41) Hexachlorocyclopentadiene	12.428	237	206062	42.689	ng		99
43) 2,4,6-Trichlorophenol	12.710	196	215634	41.821	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	239708	41.765	ng		97
46) 1,1'-Biphenyl	13.104	154	801201	39.543	ng		99
47) 2-Chloronaphthalene	13.145	162	619466	40.098	ng		98
48) 2-Nitroaniline	13.363	65	182018	39.796	ng		98
49) Acenaphthylene	13.998	152	1003020	38.796	ng		99
50) Dimethylphthalate	13.739	163	808499	38.694	ng		100
51) 2,6-Dinitrotoluene	13.863	165	178166	40.374	ng		97
52) Acenaphthene	14.345	154	576651	38.798	ng		100
53) 3-Nitroaniline	14.204	138	175524	38.955	ng		94
54) 2,4-Dinitrophenol	14.422	184	86660	35.052	ng		97
55) Dibenzofuran	14.686	168	899912	37.960	ng		99
56) 4-Nitrophenol	14.569	139	179706	47.863	ng		95
57) 2,4-Dinitrotoluene	14.663	165	250096	40.200	ng		98
58) Fluorene	15.339	166	771386	39.905	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.928	232	215401	40.457	ng		98
60) Diethylphthalate	15.122	149	817797	38.724	ng		99
61) 4-Chlorophenyl-phenyle...	15.339	204	389358	40.389	ng		99
62) 4-Nitroaniline	15.386	138	165759	38.099	ng		97
63) Azobenzene	15.633	77	675333	37.381	ng		96
65) 4,6-Dinitro-2-methylph...	15.445	198	141275	38.423	ng		98
66) n-Nitrosodiphenylamine	15.563	169	680874	38.942	ng		98
67) 4-Bromophenyl-phenylether	16.251	248	275214	41.031	ng		97
68) Hexachlorobenzene	16.369	284	349866	41.050	ng		96
69) Atrazine	16.545	200	258379	40.324	ng		99
70) Pentachlorophenol	16.733	266	289776	60.567	ng		100
71) Phenanthrene	17.122	178	1228776	38.831	ng		100
72) Anthracene	17.210	178	1246958	39.167	ng		100
73) Carbazole	17.498	167	1148299	39.849	ng		99
74) Di-n-butylphthalate	18.086	149	1462603	39.466	ng		100
75) Fluoranthene	19.204	202	1481148	40.042	ng		99
77) Benzidine	19.404	184	774737	42.810	ng		100
78) Pyrene	19.586	202	1521266	38.211	ng		100
80) Butylbenzylphthalate	20.527	149	695026	39.253	ng		95
81) Benzo(a)anthracene	21.480	228	1619787	38.824	ng		99
82) 3,3'-Dichlorobenzidine	21.416	252	660583	42.628	ng		100
83) Chrysene	21.551	228	1531024	38.711	ng		100
84) Bis(2-ethylhexyl)phtha...	21.421	149	1025677	39.411	ng		99
85) Di-n-octyl phthalate	22.657	149	1717029	40.346	ng		100
87) Indeno(1,2,3-cd)pyrene	28.474	276	2292658	39.513	ng	#	89
88) Benzo(b)fluoranthene	23.733	252	1775675	39.034	ng		99
89) Benzo(k)fluoranthene	23.804	252	1761521	37.579	ng		99
90) Benzo(a)pyrene	24.615	252	1698469	38.875	ng		99
91) Dibenzo(a,h)anthracene	28.545	278	1883487	39.902	ng		98
92) Benzo(g,h,i)perylene	29.615	276	1825835	38.896	ng		99

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

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