Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042225\
Data File : BP024373.D
Acq On : 22 Apr 2025 11:13
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Quant Time: Apr 22 12:20:28 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 18 12:04:48 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	291550	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	1276358	20.000	ng	0.00
39) Acenaphthene-d10	14.345	164	791980	20.000	ng	0.00
64) Phenanthrene-d10	17.157	188	1479525	20.000	ng	0.01
76) Chrysene-d12	21.598	240	1232516	20.000	ng	0.00
86) Perylene-d12	24.945	264	1254194	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	1402448	79.536	ng	-0.01
7) Phenol-d6	6.899	99	1932148	80.025	ng	-0.01
23) Nitrobenzene-d5	8.869	82	1780892	79.561	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	894414	81.626	ng	0.01
45) 2-Fluorobiphenyl	12.957	172	4074707	78.775	ng	0.00
79) Terphenyl-d14	19.880	244	5535582	90.528	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	271614	36.418	ng	98
3) Pyridine	3.681	79	729930	37.063	ng	98
4) n-Nitrosodimethylamine	3.587	42	271841	41.591	ng	89
6) Aniline	7.057	93	857649	39.752	ng	98
8) 2-Chlorophenol	7.293	128	783249	39.786	ng	99
9) Benzaldehyde	6.869	77	550176	46.066	ng	98
10) Phenol	6.928	94	967387	39.941	ng	96
11) bis(2-Chloroethyl)ether	7.146	93	774372	39.682	ng	99
12) 1,3-Dichlorobenzene	7.610	146	817219	38.558	ng	100
13) 1,4-Dichlorobenzene	7.752	146	826511	38.435	ng	99
14) 1,2-Dichlorobenzene	8.069	146	799724	38.514	ng	99
15) Benzyl Alcohol	7.957	79	676734	43.341	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.246	45	842997	39.965	ng	99
17) 2-Methylphenol	8.157	107	648304	41.377	ng	98
18) Hexachloroethane	8.787	117	308822	39.738	ng	98
19) n-Nitroso-di-n-propyla...	8.516	70	612344	40.995	ng	99
20) 3+4-Methylphenols	8.481	107	912131	41.956	ng	97
22) Acetophenone	8.534	105	1230443	38.950	ng	99
24) Nitrobenzene	8.910	77	866462	39.130	ng	99
25) Isophorone	9.434	82	1620931	40.007	ng	99
26) 2-Nitrophenol	9.610	139	475564	43.886	ng	99
27) 2,4-Dimethylphenol	9.675	122	549522	40.387	ng	99
28) bis(2-Chloroethoxy)met...	9.904	93	1068098	39.024	ng	99
29) 2,4-Dichlorophenol	10.146	162	758812	40.901	ng	98
30) 1,2,4-Trichlorobenzene	10.351	180	784194	39.451	ng	99
31) Naphthalene	10.540	128	2587864	38.491	ng	100
32) Benzoic acid	9.846	122	627901	39.604	ng	100
33) 4-Chloroaniline	10.651	127	943605	39.853	ng	99
34) Hexachlorobutadiene	10.828	225	474630	40.634	ng	100
35) Caprolactam	11.451	113	270565	39.525	ng	99
36) 4-Chloro-3-methylphenol	11.781	107	877484	40.607	ng	100
37) 2-Methylnaphthalene	12.145	142	1829018	39.226	ng	99
38) 1-Methylnaphthalene	12.369	142	1773230	38.874	ng	100
40) 1,2,4,5-Tetrachloroben...	12.528	216	888062	40.775	ng	99
41) Hexachlorocyclopentadiene	12.504	237	556801	72.285	ng	98
43) 2,4,6-Trichlorophenol	12.769	196	614838	42.460	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.851	196	666733	41.580	ng		98
46) 1,1'-Biphenyl	13.175	154	2316330	39.789	ng		99
47) 2-Chloronaphthalene	13.222	162	1724149	39.628	ng		99
48) 2-Nitroaniline	13.422	65	512525	41.995	ng		99
49) Acenaphthylene	14.063	152	2701916	39.443	ng		100
50) Dimethylphthalate	13.810	163	2245265	38.984	ng		100
51) 2,6-Dinitrotoluene	13.928	165	497884	40.710	ng		97
52) Acenaphthene	14.416	154	1689249	38.898	ng		99
53) 3-Nitroaniline	14.263	138	509982	39.675	ng		99
54) 2,4-Dinitrophenol	14.469	184	295738	41.052	ng		96
55) Dibenzofuran	14.757	168	2734800	38.526	ng		99
56) 4-Nitrophenol	14.598	139	424817	38.267	ng		95
57) 2,4-Dinitrotoluene	14.722	165	682485	40.909	ng		99
58) Fluorene	15.422	166	2112358	38.440	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.992	232	595652	40.276	ng		99
60) Diethylphthalate	15.198	149	2307913	38.885	ng		99
61) 4-Chlorophenyl-phenyle...	15.416	204	1044237	39.132	ng		100
62) 4-Nitroaniline	15.451	138	514473	37.808	ng		96
63) Azobenzene	15.716	77	2088120	38.278	ng		97
65) 4,6-Dinitro-2-methylph...	15.510	198	385844	41.365	ng		94
66) n-Nitrosodiphenylamine	15.645	169	1771927	40.125	ng		99
67) 4-Bromophenyl-phenylether	16.339	248	677644	41.878	ng		99
68) Hexachlorobenzene	16.451	284	793905	41.289	ng		99
69) Atrazine	16.622	200	445023	39.567	ng		98
70) Pentachlorophenol	16.804	266	557610	41.570	ng		99
71) Phenanthrene	17.204	178	3122791	38.690	ng		99
72) Anthracene	17.298	178	3083268	39.636	ng		99
73) Carbazole	17.580	167	2888967	38.009	ng		100
74) Di-n-butylphthalate	18.175	149	3701278	39.087	ng		100
75) Fluoranthene	19.292	202	3514241	36.609	ng		98
77) Benzidine	19.486	184	423010	27.076	ng		99
78) Pyrene	19.663	202	3559873	45.448	ng		100
80) Butylbenzylphthalate	20.610	149	1450160	43.224	ng		98
81) Benzo(a)anthracene	21.580	228	3020891	39.433	ng		99
82) 3,3'-Dichlorobenzidine	21.498	252	1003444	37.319	ng		100
83) Chrysene	21.645	228	2832511	38.593	ng		99
84) Bis(2-ethylhexyl)phtha...	21.516	149	1928070	39.202	ng		99
85) Di-n-octyl phthalate	22.792	149	3072556	38.428	ng		100
87) Indeno(1,2,3-cd)pyrene	28.750	276	3516082	40.381	ng	#	93
88) Benzo(b)fluoranthene	23.892	252	2954493	39.300	ng		99
89) Benzo(k)fluoranthene	23.962	252	2840160	39.111	ng		99
90) Benzo(a)pyrene	24.792	252	2572424	39.669	ng		99
91) Dibenzo(a,h)anthracene	28.809	278	2902765	40.164	ng		98
92) Benzo(g,h,i)perylene	29.921	276	2947707	40.071	ng		99

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

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