Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021925\
Data File : BP024099.D
Acq On : 19 Feb 2025 15:41
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040EC

Quant Time: Feb 19 16:25:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021725.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 18 02:25:07 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.734	152	423809	20.000	ng	-0.03
21) Naphthalene-d8	10.516	136	1788814	20.000	ng	-0.02
39) Acenaphthene-d10	14.386	164	1034144	20.000	ng	0.00
64) Phenanthrene-d10	17.180	188	1909516	20.000	ng	0.00
76) Chrysene-d12	21.645	240	1972454	20.000	ng	0.00
86) Perylene-d12	25.027	264	2047267	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.352	112	2281096	83.984	ng	-0.02
7) Phenol-d6	6.916	99	2923836	83.756	ng	-0.03
23) Nitrobenzene-d5	8.887	82	2609114	81.372	ng	-0.02
42) 2,4,6-Tribromophenol	15.904	330	1004488	79.299	ng	0.00
45) 2-Fluorobiphenyl	12.992	172	5736375	77.547	ng	-0.01
79) Terphenyl-d14	19.916	244	7878073	79.032	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	423892	39.785	ng	98
3) Pyridine	3.687	79	1165058m	42.058	ng	
4) n-Nitrosodimethylamine	3.593	42	424641	43.216	ng	93
6) Aniline	7.069	93	1343971	42.039	ng	99
8) 2-Chlorophenol	7.310	128	1182978	41.150	ng	98
9) Benzaldehyde	6.881	77	695325	43.627	ng	98
10) Phenol	6.946	94	1447101	41.224	ng	99
11) bis(2-Chloroethyl)ether	7.163	93	1136284	41.097	ng	99
12) 1,3-Dichlorobenzene	7.622	146	1251064	39.613	ng	99
13) 1,4-Dichlorobenzene	7.769	146	1292470	40.467	ng	100
14) 1,2-Dichlorobenzene	8.081	146	1240554	40.472	ng	99
15) Benzyl Alcohol	7.975	79	910610	42.615	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.263	45	1142313	42.561	ng	99
17) 2-Methylphenol	8.175	107	918227	42.924	ng	98
18) Hexachloroethane	8.810	117	478801	41.626	ng	99
19) n-Nitroso-di-n-propyla...	8.540	70	862280	45.940	ng	98
20) 3+4-Methylphenols	8.504	107	1281681	44.042	ng	99
22) Acetophenone	8.551	105	1822072	39.638	ng	100
24) Nitrobenzene	8.928	77	1289784	40.873	ng	97
25) Isophorone	9.451	82	2153140	41.064	ng	99
26) 2-Nitrophenol	9.634	139	600444	41.301	ng	99
27) 2,4-Dimethylphenol	9.698	122	756894	39.662	ng	99
28) bis(2-Chloroethoxy)met...	9.928	93	1525811	40.169	ng	99
29) 2,4-Dichlorophenol	10.175	162	1051417	40.372	ng	100
30) 1,2,4-Trichlorobenzene	10.381	180	1149892	38.536	ng	99
31) Naphthalene	10.563	128	3743014	38.915	ng	100
32) Benzoic acid	9.845	122	698329	36.923	ng	98
33) 4-Chloroaniline	10.675	127	1344437	39.677	ng	99
34) Hexachlorobutadiene	10.857	225	653682	37.822	ng	99
35) Caprolactam	11.469	113	316873	37.502	ng	95
36) 4-Chloro-3-methylphenol	11.810	107	1102939	41.196	ng	96
37) 2-Methylnaphthalene	12.187	142	2516109	39.358	ng	99
38) 1-Methylnaphthalene	12.404	142	2451073	39.412	ng	99
40) 1,2,4,5-Tetrachloroben...	12.557	216	1218787	38.357	ng	100
41) Hexachlorocyclopentadiene	12.539	237	467686	39.555	ng	99
43) 2,4,6-Trichlorophenol	12.804	196	779765	40.240	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	845348	39.889	ng	98
46) 1,1'-Biphenyl	13.204	154	3139807	39.072	ng	100
47) 2-Chloronaphthalene	13.245	162	2364223	38.919	ng	100
48) 2-Nitroaniline	13.451	65	608873	42.431	ng	98
49) Acenaphthylene	14.098	152	3558227	39.756	ng	99
50) Dimethylphthalate	13.833	163	2861456	39.227	ng	99
51) 2,6-Dinitrotoluene	13.945	165	606065	40.786	ng	99
52) Acenaphthene	14.451	154	2250747	39.051	ng	100
53) 3-Nitroaniline	14.286	138	660378	41.647	ng	98
54) 2,4-Dinitrophenol	14.492	184	300614	35.481	ng	99
55) Dibenzofuran	14.786	168	3645383	38.934	ng	100
56) 4-Nitrophenol	14.610	139	549894	40.147	ng	97
57) 2,4-Dinitrotoluene	14.745	165	810253	41.975	ng	98
58) Fluorene	15.445	166	2862615	39.149	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.022	232	730232	39.715	ng	99
60) Diethylphthalate	15.222	149	2860688	39.505	ng	99
61) 4-Chlorophenyl-phenyle...	15.445	204	1392600	38.692	ng	97
62) 4-Nitroaniline	15.469	138	696452	37.846	ng	97
63) Azobenzene	15.739	77	2779243	40.958	ng	96
65) 4,6-Dinitro-2-methylph...	15.528	198	416371	35.705	ng	98
66) n-Nitrosodiphenylamine	15.657	169	2340314	39.301	ng	99
67) 4-Bromophenyl-phenylether	16.357	248	841172	39.228	ng	98
68) Hexachlorobenzene	16.474	284	958245	37.978	ng	98
69) Atrazine	16.639	200	603132	39.468	ng	99
70) Pentachlorophenol	16.822	266	642284	39.194	ng	100
71) Phenanthrene	17.227	178	4097990	38.066	ng	100
72) Anthracene	17.322	178	4068535	39.437	ng	100
73) Carbazole	17.598	167	3874627	39.418	ng	100
74) Di-n-butylphthalate	18.192	149	4732281	41.260	ng	99
75) Fluoranthene	19.316	202	4752264	39.027	ng	99
77) Benzidine	19.510	184	1273802	52.997	ng	99
78) Pyrene	19.692	202	4958900	39.580	ng	100
80) Butylbenzylphthalate	20.657	149	2090465	43.542	ng	95
81) Benzo(a)anthracene	21.627	228	4871526	39.387	ng	100
82) 3,3'-Dichlorobenzidine	21.551	252	1654708	42.814	ng	99
83) Chrysene	21.698	228	4661315	39.084	ng	100
84) Bis(2-ethylhexyl)phtha...	21.568	149	3193942	43.870	ng	99
85) Di-n-octyl phthalate	22.868	149	4938191	42.435	ng	99
87) Indeno(1,2,3-cd)pyrene	28.897	276	5781401	39.695	ng	99
88) Benzo(b)fluoranthene	23.962	252	5032035	38.706	ng	100
89) Benzo(k)fluoranthene	24.039	252	4927495	38.939	ng	99
90) Benzo(a)pyrene	24.886	252	4321273	39.166	ng	99
91) Dibenzo(a,h)anthracene	28.980	278	4856106	39.654	ng	100
92) Benzo(g,h,i)perylene	30.086	276	4855130	39.070	ng	98

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

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