Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP042325\
Data File : BP024391.D
Acq On : 23 Apr 2025 11:25
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 23 12:00:48 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

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli

04/24/2025
Supervised By :Jagrut Upadhyay

04/24/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.722	152	208442	20.000	ng	0.00
21) Naphthalene-d8	10.493	136	861024	20.000	ng	0.00
39) Acenaphthene-d10	14.346	164	548116	20.000	ng	0.00
64) Phenanthrene-d10	17.145	188	1082254	20.000	ng	0.00
76) Chrysene-d12	21.586	240	1121318	20.000	ng	0.00
86) Perylene-d12	24.933	264	1271616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.340	112	997300	79.110	ng	0.00
7) Phenol-d6	6.905	99	1322656	76.623	ng	0.00
23) Nitrobenzene-d5	8.869	82	1210179	80.144	ng	0.00
42) 2,4,6-Tribromophenol	15.863	330	634044	83.609	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	2815158	78.639	ng	0.00
79) Terphenyl-d14	19.881	244	4532543	81.475	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.287	88	199402	37.395	ng	98
3) Pyridine	3.681	79	513536	36.472	ng	95
4) n-Nitrosodimethylamine	3.593	42	190815	40.834	ng	89
6) Aniline	7.058	93	583050	37.799	ng	98
8) 2-Chlorophenol	7.299	128	549962	39.074	ng	99
9) Benzaldehyde	6.875	77	375844	44.016	ng	99
10) Phenol	6.934	94	654287	37.785	ng	96
11) bis(2-Chloroethyl)ether	7.152	93	520680	37.320	ng	99
12) 1,3-Dichlorobenzene	7.611	146	588516	38.839	ng	100
13) 1,4-Dichlorobenzene	7.758	146	594003	38.636	ng	100
14) 1,2-Dichlorobenzene	8.075	146	570204	38.409	ng	100
15) Benzyl Alcohol	7.963	79	451445	40.440	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.246	45	567376	37.623	ng	99
17) 2-Methylphenol	8.164	107	436161	38.936	ng	99
18) Hexachloroethane	8.787	117	219438	39.495	ng	99
19) n-Nitroso-di-n-propyla...	8.516	70	406012	38.019	ng	98
20) 3+4-Methylphenols	8.493	107	601396	38.692	ng	99
22) Acetophenone	8.534	105	840096	39.421	ng	99
24) Nitrobenzene	8.911	77	590061	39.501	ng	99
25) Isophorone	9.434	82	1069001	39.111	ng	98
26) 2-Nitrophenol	9.616	139	311626	42.629	ng	97
27) 2,4-Dimethylphenol	9.681	122	361450	39.378	ng	99
28) bis(2-Chloroethoxy)met...	9.910	93	698632	37.838	ng	99
29) 2,4-Dichlorophenol	10.152	162	510381	40.780	ng	99
30) 1,2,4-Trichlorobenzene	10.358	180	537715	40.100	ng	99
31) Naphthalene	10.540	128	1771537	39.059	ng	100
32) Benzoic acid	9.834	122	437638m	40.918	ng	
33) 4-Chloroaniline	10.657	127	631260	39.522	ng	99
34) Hexachlorobutadiene	10.828	225	329449	41.810	ng	100
35) Caprolactam	11.452	113	182099	39.433	ng	99
36) 4-Chloro-3-methylphenol	11.787	107	592146	40.621	ng	100
37) 2-Methylnaphthalene	12.157	142	1242915	39.514	ng	99
38) 1-Methylnaphthalene	12.375	142	1202754	39.087	ng	99
40) 1,2,4,5-Tetrachloroben...	12.528	216	609184	40.415	ng	100
41) Hexachlorocyclopentadiene	12.504	237	299295	56.142	ng	99
43) 2,4,6-Trichlorophenol	12.775	196	412574	41.169	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.857	196	451893	40.720	ng	99
46) 1,1'-Biphenyl	13.175	154	1588477	39.427	ng	100
47) 2-Chloronaphthalene	13.222	162	1190747	39.544	ng	99
48) 2-Nitroaniline	13.428	65	351514	41.617	ng	96
49) Acenaphthylene	14.069	152	1866244	39.365	ng	100
50) Dimethylphthalate	13.804	163	1582285	39.696	ng	99
51) 2,6-Dinitrotoluene	13.922	165	339941	40.162	ng	97
52) Acenaphthene	14.416	154	1163007	38.695	ng	99
53) 3-Nitroaniline	14.263	138	347951	39.113	ng	100
54) 2,4-Dinitrophenol	14.475	184	197061	39.524	ng	95
55) Dibenzofuran	14.757	168	1914356	38.967	ng	99
56) 4-Nitrophenol	14.593	139	298249	38.819	ng	95
57) 2,4-Dinitrotoluene	14.722	165	476834	41.298	ng	99
58) Fluorene	15.410	166	1502541	39.508	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.987	232	410236	40.080	ng	98
60) Diethylphthalate	15.187	149	1645649	40.063	ng	100
61) 4-Chlorophenyl-phenyle...	15.410	204	739523	40.043	ng	99
62) 4-Nitroaniline	15.440	138	379975	40.348	ng	94
63) Azobenzene	15.704	77	1499945	39.729	ng	98
65) 4,6-Dinitro-2-methylph...	15.498	198	270103	39.586	ng	97
66) n-Nitrosodiphenylamine	15.628	169	1264866	39.157	ng	100
67) 4-Bromophenyl-phenylether	16.316	248	478995	40.468	ng	98
68) Hexachlorobenzene	16.440	284	575655	40.928	ng	99
69) Atrazine	16.598	200	334745	40.687	ng	99
70) Pentachlorophenol	16.792	266	407480	41.528	ng	100
71) Phenanthrene	17.192	178	2280668	38.629	ng	99
72) Anthracene	17.281	178	2277573	40.026	ng	100
73) Carbazole	17.569	167	2165325	38.946	ng	99
74) Di-n-butylphthalate	18.157	149	2848953	41.130	ng	100
75) Fluoranthene	19.275	202	2721773	38.762	ng	99
77) Benzidine	19.481	184	386586	27.198	ng	99
78) Pyrene	19.651	202	2839221	39.843	ng	99
80) Butylbenzylphthalate	20.610	149	1267841	41.537	ng	98
81) Benzo(a)anthracene	21.569	228	2734474	39.234	ng	99
82) 3,3'-Dichlorobenzidine	21.504	252	961197	39.292	ng	99
83) Chrysene	21.639	228	2602225	38.971	ng	99
84) Bis(2-ethylhexyl)phtha...	21.510	149	1850780	41.363	ng	100
85) Di-n-octyl phthalate	22.786	149	3104012	42.671	ng	100
87) Indeno(1,2,3-cd)pyrene	28.709	276	3502498	39.674	ng	98
88) Benzo(b)fluoranthene	23.869	252	3001818	39.383	ng	98
89) Benzo(k)fluoranthene	23.939	252	2866402	38.932	ng	99
90) Benzo(a)pyrene	24.769	252	2598374	39.520	ng	99
91) Dibenzo(a,h)anthracene	28.786	278	2895712	39.518	ng	98
92) Benzo(g,h,i)perylene	29.892	276	2891314	38.766	ng	98

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

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