Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022725\
Data File : BP024116.D
Acq On : 27 Feb 2025 10:42
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Feb 27 11:48:25 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

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 02/28/2025
Supervised By :mohammad ahmed 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.757	152	368424	20.000	ng		0.00
21) Naphthalene-d8	10.528	136	1409370	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	792946	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	1432339	20.000	ng		0.00
76) Chrysene-d12	21.645	240	1516790	20.000	ng		0.00
86) Perylene-d12	25.015	264	1638344	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	2089920	88.513	ng		0.00
7) Phenol-d6	6.934	99	2653216	87.429	ng		-0.01
23) Nitrobenzene-d5	8.904	82	2226783	88.146	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	791433	81.484	ng		0.00
45) 2-Fluorobiphenyl	12.998	172	4684298	82.586	ng		0.00
79) Terphenyl-d14	19.916	244	6387773	83.332	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.316	88	432659	46.712	ng		98
3) Pyridine	3.711	79	1119993	46.509	ng		99
4) n-Nitrosodimethylamine	3.616	42	383502	44.896	ng		98
6) Aniline	7.093	93	1207706	43.456	ng		99
8) 2-Chlorophenol	7.328	128	1070022	42.816	ng		97
9) Benzaldehyde	6.905	77	554761	40.040	ng		98
10) Phenol	6.963	94	1321253	43.297	ng		99
11) bis(2-Chloroethyl)ether	7.181	93	1031831	42.930	ng		97
12) 1,3-Dichlorobenzene	7.646	146	1175531	42.817	ng		99
13) 1,4-Dichlorobenzene	7.793	146	1187744	42.778	ng		99
14) 1,2-Dichlorobenzene	8.104	146	1135598	42.617	ng		100
15) Benzyl Alcohol	7.993	79	794732	42.783	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.275	45	1059342	45.403	ng		97
17) 2-Methylphenol	8.193	107	805978	43.341	ng		99
18) Hexachloroethane	8.822	117	424097	42.413	ng		97
19) n-Nitroso-di-n-propyla...	8.551	70	722412	44.274	ng		99
20) 3+4-Methylphenols	8.522	107	1087460	42.986	ng		97
22) Acetophenone	8.563	105	1527929	42.188	ng	#	99
24) Nitrobenzene	8.946	77	1093179	43.969	ng		99
25) Isophorone	9.463	82	1756744	42.524	ng		98
26) 2-Nitrophenol	9.651	139	484057	42.260	ng		99
27) 2,4-Dimethylphenol	9.710	122	639241	42.515	ng		99
28) bis(2-Chloroethoxy)met...	9.946	93	1272597	42.523	ng		100
29) 2,4-Dichlorophenol	10.181	162	869391	42.370	ng		99
30) 1,2,4-Trichlorobenzene	10.393	180	975786	41.506	ng		99
31) Naphthalene	10.581	128	3199649	42.222	ng		100
32) Benzoic acid	9.846	122	542900	36.533	ng		99
33) 4-Chloroaniline	10.693	127	1126950	42.213	ng		99
34) Hexachlorobutadiene	10.869	225	549138	40.327	ng		99
35) Caprolactam	11.475	113	251435	37.729	ng		92
36) 4-Chloro-3-methylphenol	11.822	107	895328	42.445	ng		97
37) 2-Methylnaphthalene	12.192	142	2072779	41.152	ng		100
38) 1-Methylnaphthalene	12.416	142	2016959	41.163	ng		99
40) 1,2,4,5-Tetrachloroben...	12.569	216	999497	41.024	ng		99
41) Hexachlorocyclopentadiene	12.551	237	379623	41.873	ng		99
43) 2,4,6-Trichlorophenol	12.816	196	615789	41.444	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.887	196	667837	41.099	ng		99
46) 1,1'-Biphenyl	13.216	154	2606431	42.301	ng		99
47) 2-Chloronaphthalene	13.257	162	1944479	41.746	ng		100
48) 2-Nitroaniline	13.463	65	505101	45.906	ng		99
49) Acenaphthylene	14.110	152	2930383	42.701	ng		100
50) Dimethylphthalate	13.845	163	2270506	40.593	ng		100
51) 2,6-Dinitrotoluene	13.957	165	483019	42.393	ng		98
52) Acenaphthene	14.457	154	1844781	41.744	ng		100
53) 3-Nitroaniline	14.298	138	527882	43.418	ng		97
54) 2,4-Dinitrophenol	14.504	184	238114	36.396	ng		95
55) Dibenzofuran	14.798	168	2949754	41.088	ng		99
56) 4-Nitrophenol	14.616	139	449827	42.831	ng		97
57) 2,4-Dinitrotoluene	14.763	165	650171	43.928	ng		98
58) Fluorene	15.457	166	2352462	41.958	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.028	232	576865	40.917	ng		100
60) Diethylphthalate	15.228	149	2289864	41.241	ng		98
61) 4-Chlorophenyl-phenyle...	15.451	204	1127909	40.871	ng		99
62) 4-Nitroaniline	15.475	138	572035	40.307	ng		96
63) Azobenzene	15.751	77	2308147	44.362	ng		96
65) 4,6-Dinitro-2-methylph...	15.528	198	336597	38.013	ng		99
66) n-Nitrosodiphenylamine	15.675	169	1880946	42.110	ng		100
67) 4-Bromophenyl-phenylether	16.363	248	656484	40.815	ng		98
68) Hexachlorobenzene	16.480	284	763356	40.333	ng		98
69) Atrazine	16.645	200	472541	41.224	ng		98
70) Pentachlorophenol	16.839	266	506575	41.211	ng		99
71) Phenanthrene	17.233	178	3378021	41.831	ng		100
72) Anthracene	17.327	178	3311810	42.796	ng		99
73) Carbazole	17.610	167	3247266	44.042	ng		100
74) Di-n-butylphthalate	18.198	149	3718462	43.222	ng		99
75) Fluoranthene	19.322	202	3900785	42.707	ng		100
77) Benzidine	19.522	184	1103936	59.727	ng		99
78) Pyrene	19.698	202	4082612	42.375	ng		100
80) Butylbenzylphthalate	20.645	149	1635686	44.305	ng		97
81) Benzo(a)anthracene	21.627	228	4050791	42.590	ng		100
82) 3,3'-Dichlorobenzidine	21.545	252	1304030	43.877	ng		100
83) Chrysene	21.692	228	3870222	42.199	ng		99
84) Bis(2-ethylhexyl)phtha...	21.568	149	2469171	44.104	ng		100
85) Di-n-octyl phthalate	22.863	149	3729407	41.675	ng		100
87) Indeno(1,2,3-cd)pyrene	28.868	276	5046045	43.294	ng	#	94
88) Benzo(b)fluoranthene	23.957	252	4293222	41.265	ng		99
89) Benzo(k)fluoranthene	24.033	252	4191222	41.388	ng		99
90) Benzo(a)pyrene	24.874	252	3735472	42.307	ng		99
91) Dibenzo(a,h)anthracene	28.945	278	4223029	43.092	ng		99
92) Benzo(g,h,i)perylene	30.080	276	4292490m	43.164	ng		

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

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