Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041725\
Data File : BP024320.D
Acq On : 17 Apr 2025 10:30
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 17 11:47:38 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP041425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 15 04:48:42 2025
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/18/2025
Supervised By :Jagrut Upadhyay 04/18/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.728	152	303712	20.000	ng		0.00
21) Naphthalene-d8	10.498	136	1329212	20.000	ng		0.00
39) Acenaphthene-d10	14.357	164	880817	20.000	ng		-0.01
64) Phenanthrene-d10	17.157	188	1702907	20.000	ng		-0.02
76) Chrysene-d12	21.609	240	1526868	20.000	ng		-0.01
86) Perylene-d12	24.962	264	1367817	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.346	112	1466695	79.849	ng		0.00
7) Phenol-d6	6.910	99	2032619	80.815	ng		0.00
23) Nitrobenzene-d5	8.881	82	1870047	80.222	ng		0.00
42) 2,4,6-Tribromophenol	15.863	330	992087	81.408	ng		-0.03
45) 2-Fluorobiphenyl	12.963	172	4428408	76.978	ng		-0.02
79) Terphenyl-d14	19.886	244	6524137	86.126	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	3.293	88	303991	39.127	ng		99
3) Pyridine	3.687	79	791089	38.560	ng		98
4) n-Nitrosodimethylamine	3.599	42	284506	41.785	ng		96
6) Aniline	7.069	93	907946	40.398	ng		100
8) 2-Chlorophenol	7.304	128	810577	39.525	ng		100
9) Benzaldehyde	6.881	77	601302	48.331	ng		100
10) Phenol	6.940	94	1015048	40.231	ng		97
11) bis(2-Chloroethyl)ether	7.157	93	795521	39.133	ng		98
12) 1,3-Dichlorobenzene	7.616	146	850441	38.519	ng		99
13) 1,4-Dichlorobenzene	7.763	146	862720	38.512	ng		99
14) 1,2-Dichlorobenzene	8.075	146	833788	38.546	ng		99
15) Benzyl Alcohol	7.969	79	701843	43.149	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.245	45	880547	40.074	ng		100
17) 2-Methylphenol	8.169	107	673516	41.265	ng		99
18) Hexachloroethane	8.792	117	318658	39.362	ng		98
19) n-Nitroso-di-n-propyla...	8.528	70	652676	41.945	ng		99
20) 3+4-Methylphenols	8.492	107	943931	41.680	ng		99
22) Acetophenone	8.540	105	1292092	39.275	ng	#	99
24) Nitrobenzene	8.916	77	918025	39.810	ng		100
25) Isophorone	9.439	82	1728751	40.971	ng		99
26) 2-Nitrophenol	9.616	139	483249	42.822	ng		96
27) 2,4-Dimethylphenol	9.681	122	575359	40.604	ng		99
28) bis(2-Chloroethoxy)met...	9.910	93	1125374	39.481	ng		100
29) 2,4-Dichlorophenol	10.151	162	788851	40.829	ng		100
30) 1,2,4-Trichlorobenzene	10.363	180	814281	39.336	ng		98
31) Naphthalene	10.551	128	2715473	38.783	ng		100
32) Benzoic acid	9.851	122	722510m	43.759	ng		
33) 4-Chloroaniline	10.657	127	1019842	41.360	ng		100
34) Hexachlorobutadiene	10.834	225	483655	39.760	ng		99
35) Caprolactam	11.457	113	297249	41.696	ng		95
36) 4-Chloro-3-methylphenol	11.786	107	955140	42.443	ng		99
37) 2-Methylnaphthalene	12.157	142	1945831	40.072	ng		98
38) 1-Methylnaphthalene	12.381	142	1914271	40.297	ng		99
40) 1,2,4,5-Tetrachloroben...	12.528	216	936432	38.659	ng		99
41) Hexachlorocyclopentadiene	12.510	237	348783	40.713	ng		98
43) 2,4,6-Trichlorophenol	12.775	196	652347	40.507	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.845	196	721605	40.463	ng	98
46) 1,1'-Biphenyl	13.175	154	2512917	38.813	ng	100
47) 2-Chloronaphthalene	13.216	162	1870725	38.660	ng	98
48) 2-Nitroaniline	13.422	65	569206	41.935	ng	99
49) Acenaphthylene	14.069	152	2998391	39.357	ng	100
50) Dimethylphthalate	13.810	163	2515357	39.269	ng	100
51) 2,6-Dinitrotoluene	13.922	165	554348	40.755	ng	98
52) Acenaphthene	14.422	154	1871183	38.741	ng	99
53) 3-Nitroaniline	14.257	138	580355	40.596	ng	99
54) 2,4-Dinitrophenol	14.469	184	325391	40.612	ng	96
55) Dibenzofuran	14.757	168	3055721	38.705	ng	99
56) 4-Nitrophenol	14.580	139	498923	40.410	ng	97
57) 2,4-Dinitrotoluene	14.722	165	767312	41.354	ng	97
58) Fluorene	15.416	166	2389776	39.102	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.986	232	651223	39.593	ng	99
60) Diethylphthalate	15.192	149	2577316	39.045	ng	99
61) 4-Chlorophenyl-phenyle...	15.410	204	1166968	39.321	ng	100
62) 4-Nitroaniline	15.445	138	610318	40.328	ng	99
63) Azobenzene	15.704	77	2422645	39.931	ng	96
65) 4,6-Dinitro-2-methylph...	15.504	198	441005	41.077	ng	96
66) n-Nitrosodiphenylamine	15.633	169	2025366	39.848	ng	99
67) 4-Bromophenyl-phenylether	16.327	248	758251	40.713	ng	99
68) Hexachlorobenzene	16.445	284	898806	40.613	ng	97
69) Atrazine	16.604	200	466589	36.043	ng	100
70) Pentachlorophenol	16.798	266	646424	41.869	ng	100
71) Phenanthrene	17.198	178	3522148	37.914	ng	99
72) Anthracene	17.286	178	3552441	39.677	ng	99
73) Carbazole	17.574	167	3390104	38.752	ng	100
74) Di-n-butylphthalate	18.163	149	4367243	40.070	ng	100
75) Fluoranthene	19.286	202	4188310	37.908	ng	100
77) Benzidine	19.486	184	857502	44.305	ng	99
78) Pyrene	19.668	202	4242468	43.721	ng	99
80) Butylbenzylphthalate	20.621	149	1762704	42.411	ng	98
81) Benzo(a)anthracene	21.586	228	3731230	39.316	ng	100
82) 3,3'-Dichlorobenzidine	21.509	252	1269468	38.110	ng	99
83) Chrysene	21.656	228	3510804	38.613	ng	100
84) Bis(2-ethylhexyl)phtha...	21.521	149	2254612	37.004	ng	100
85) Di-n-octyl phthalate	22.809	149	3374503	34.068	ng	100
87) Indeno(1,2,3-cd)pyrene	28.756	276	3550630	37.391	ng	99
88) Benzo(b)fluoranthene	23.898	252	3448271	42.058	ng	99
89) Benzo(k)fluoranthene	23.968	252	3240345	40.916	ng	100
90) Benzo(a)pyrene	24.803	252	2873369	40.629	ng	99
91) Dibenzo(a,h)anthracene	28.833	278	2945227	37.367	ng	98
92) Benzo(g,h,i)perylene	29.933	276	3011818	37.541	ng	98

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

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