Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050525\
Data File : BP024538.D
Acq On : 05 May 2025 23:32
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: May 06 04:22:18 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 :
SSTDCCC040EC

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/06/2025
Supervised By :Jagrut Upadhyay 05/06/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.711	152	144567	20.000	ng	-0.01
21) Naphthalene-d8	10.481	136	583343	20.000	ng	#-0.02
39) Acenaphthene-d10	14.340	164	378766	20.000	ng	-0.01
64) Phenanthrene-d10	17.140	188	767035	20.000	ng	# 0.00
76) Chrysene-d12	21.575	240	886346	20.000	ng	-0.02
86) Perylene-d12	24.904	264	1026352	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.334	112	683126	78.131	ng	-0.01
7) Phenol-d6	6.899	99	886611	74.057	ng	-0.01
23) Nitrobenzene-d5	8.858	82	823080	80.455	ng	-0.01
42) 2,4,6-Tribromophenol	15.863	330	481102	91.806	ng	0.00
45) 2-Fluorobiphenyl	12.951	172	1933866	78.174	ng	-0.01
79) Terphenyl-d14	19.863	244	3423404	77.852	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.276	88	135489	36.636	ng	# 94
3) Pyridine	3.681	79	326718	33.456	ng	94
4) n-Nitrosodimethylamine	3.581	42	147352	45.465	ng	76
6) Aniline	7.052	93	216281	20.217	ng	97
8) 2-Chlorophenol	7.281	128	374578	38.372	ng	99
9) Benzaldehyde	6.864	77	255346	43.117	ng	99
10) Phenol	6.922	94	440038	36.640	ng	90
11) bis(2-Chloroethyl)ether	7.140	93	394510	40.770	ng	97
12) 1,3-Dichlorobenzene	7.599	146	397130	37.788	ng	99
13) 1,4-Dichlorobenzene	7.740	146	405802	38.057	ng	99
14) 1,2-Dichlorobenzene	8.058	146	386362	37.524	ng	99
15) Benzyl Alcohol	7.952	79	283984	36.679	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.234	45	360721	34.488	ng	100
17) 2-Methylphenol	8.158	107	295343	38.015	ng	97
18) Hexachloroethane	8.775	117	150477	39.049	ng	97
19) n-Nitroso-di-n-propyla...	8.505	70	265183	35.803	ng	94
20) 3+4-Methylphenols	8.481	107	407964	37.844	ng	97
22) Acetophenone	8.522	105	563009	38.995	ng	96
24) Nitrobenzene	8.899	77	404406	39.960	ng	98
25) Isophorone	9.416	82	697558	37.670	ng	99
26) 2-Nitrophenol	9.605	139	207805	41.958	ng	# 93
27) 2,4-Dimethylphenol	9.669	122	243617	39.175	ng	98
28) bis(2-Chloroethoxy)met...	9.893	93	444676	35.548	ng	99
29) 2,4-Dichlorophenol	10.152	162	344580	40.639	ng	98
30) 1,2,4-Trichlorobenzene	10.346	180	364501	40.122	ng	99
31) Naphthalene	10.528	128	1187661	38.650	ng	100
32) Benzoic acid	9.828	122	244090	33.686	ng	98
33) 4-Chloroaniline	10.663	127	296461	27.396	ng	98
34) Hexachlorobutadiene	10.810	225	224906	42.129	ng	99
35) Caprolactam	11.434	113	125386	40.077	ng	95
36) 4-Chloro-3-methylphenol	11.787	107	411177	41.633	ng	98
37) 2-Methylnaphthalene	12.140	142	825520	38.737	ng	97
38) 1-Methylnaphthalene	12.363	142	796632	38.212	ng	98
40) 1,2,4,5-Tetrachloroben...	12.516	216	413571	39.705	ng	99
41) Hexachlorocyclopentadiene	12.493	237	150687	40.904	ng	97
43) 2,4,6-Trichlorophenol	12.757	196	282121	40.738	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.852	196	314542	41.016	ng		99
46) 1,1'-Biphenyl	13.157	154	1066305	38.299	ng		99
47) 2-Chloronaphthalene	13.204	162	803949	38.636	ng		97
48) 2-Nitroaniline	13.416	65	251733	43.129	ng		97
49) Acenaphthylene	14.057	152	1274393	38.900	ng		100
50) Dimethylphthalate	13.799	163	1097300	39.837	ng		100
51) 2,6-Dinitrotoluene	13.916	165	236598	40.451	ng		90
52) Acenaphthene	14.404	154	797423	38.394	ng		98
53) 3-Nitroaniline	14.257	138	247785	40.307	ng		94
54) 2,4-Dinitrophenol	14.469	184	142586	41.385	ng		89
55) Dibenzofuran	14.746	168	1309872	38.583	ng		95
56) 4-Nitrophenol	14.610	139	180790	34.052	ng		86
57) 2,4-Dinitrotoluene	14.716	165	345139	43.257	ng	#	98
58) Fluorene	15.404	166	1021639	38.874	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.981	232	290161	41.024	ng		96
60) Diethylphthalate	15.175	149	1140003	40.162	ng		100
61) 4-Chlorophenyl-phenyle...	15.398	204	504440	39.526	ng		97
62) 4-Nitroaniline	15.445	138	241494	37.109	ng		84
63) Azobenzene	15.698	77	998056	38.255	ng		95
65) 4,6-Dinitro-2-methylph...	15.498	198	196115	40.554	ng		96
66) n-Nitrosodiphenylamine	15.622	169	851095	37.175	ng		99
67) 4-Bromophenyl-phenylether	16.316	248	335935	40.045	ng		98
68) Hexachlorobenzene	16.434	284	413246	41.456	ng		98
69) Atrazine	16.604	200	164069	28.138	ng		98
70) Pentachlorophenol	16.787	266	286852	41.249	ng		99
71) Phenanthrene	17.187	178	1581602	37.798	ng		99
72) Anthracene	17.281	178	1570576	38.944	ng		99
73) Carbazole	17.557	167	1525243	38.707	ng		98
74) Di-n-butylphthalate	18.145	149	1981084	40.354	ng		99
75) Fluoranthene	19.269	202	1960802	39.400	ng		97
77) Benzidine	19.492	184	127179m	11.320	ng		
78) Pyrene	19.645	202	2073826	36.817	ng		99
80) Butylbenzylphthalate	20.598	149	938336	38.892	ng		99
81) Benzo(a)anthracene	21.557	228	2134204	38.739	ng		100
82) 3,3'-Dichlorobenzidine	21.486	252	506543	26.196	ng		99
83) Chrysene	21.628	228	2006771	38.021	ng		100
84) Bis(2-ethylhexyl)phtha...	21.492	149	1372545	38.807	ng		100
85) Di-n-octyl phthalate	22.757	149	2318596	40.324	ng		99
87) Indeno(1,2,3-cd)pyrene	28.698	276	2820939	39.590	ng		98
88) Benzo(b)fluoranthene	23.851	252	2376622	38.631	ng		98
89) Benzo(k)fluoranthene	23.922	252	2304357	38.777	ng		98
90) Benzo(a)pyrene	24.751	252	2050411	38.638	ng		98
91) Dibenzo(a,h)anthracene	28.757	278	2340474	39.573	ng		97
92) Benzo(g,h,i)perylene	29.868	276	2389696	39.697	ng		95

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

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