Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051325\
Data File : BP024621.D
Acq On : 13 May 2025 15:26
Operator : RC/JU
Sample : SSTDICC080
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/14/2025
Supervised By :Jagrut Upadhyay 05/14/2025

Quant Time: May 13 16:10:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP051325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 13 15:55:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.663	152	134481	20.00	ng		0.00
21) Naphthalene-d8	10.434	136	584325	20.00	ng		0.00
39) Acenaphthene-d10	14.298	164	373575	20.00	ng		0.00
64) Phenanthrene-d10	17.104	188	713479	20.00	ng		0.00
76) Chrysene-d12	21.516	240	765954	20.00	ng		0.00
86) Perylene-d12	24.804	264	877352	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.287	112	1283582	163.25	ng		0.00
7) Phenol-d6	6.858	99	1670035	166.42	ng		0.00
23) Nitrobenzene-d5	8.822	82	1840183	159.12	ng		0.01
42) 2,4,6-Tribromophenol	15.828	330	1032638	163.05	ng		0.02
45) 2-Fluorobiphenyl	12.910	172	4438179	155.65	ng		0.00
79) Terphenyl-d14	19.816	244	7152255	160.11	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	275790	74.70	ng		99
3) Pyridine	3.622	79	679364	82.98	ng		98
4) n-Nitrosodimethylamine	3.534	42	289012	79.96	ng		100
6) Aniline	7.005	93	1075238	82.99	ng		100
8) 2-Chlorophenol	7.240	128	740005	82.91	ng		99
9) Benzaldehyde	6.822	77	412028	63.54	ng		100
10) Phenol	6.887	94	859122	82.95	ng		100
11) bis(2-Chloroethyl)ether	7.099	93	670572	78.79	ng		100
12) 1,3-Dichlorobenzene	7.552	146	795953	77.51	ng		100
13) 1,4-Dichlorobenzene	7.699	146	802182	77.67	ng		98
14) 1,2-Dichlorobenzene	8.010	146	779316	77.43	ng		99
15) Benzyl Alcohol	7.910	79	664684	87.16	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	782240	76.75	ng		98
17) 2-Methylphenol	8.110	107	620901	83.58	ng		99
18) Hexachloroethane	8.728	117	306812	77.52	ng		97
19) n-Nitroso-di-n-propyla...	8.469	70	551845	79.50	ng		98
20) 3+4-Methylphenols	8.440	107	852078	84.32	ng		99
22) Acetophenone	8.481	105	1147610	78.62	ng	#	99
24) Nitrobenzene	8.857	77	804153	79.02	ng		98
25) Isophorone	9.381	82	1593235	79.42	ng		100
26) 2-Nitrophenol	9.557	139	442185	88.67	ng		98
27) 2,4-Dimethylphenol	9.628	122	722439	82.17	ng		100
28) bis(2-Chloroethoxy)met...	9.857	93	946615	78.98	ng		99
29) 2,4-Dichlorophenol	10.099	162	721701	84.70	ng		97
30) 1,2,4-Trichlorobenzene	10.299	180	755529	78.69	ng		98
31) Naphthalene	10.487	128	2354789	77.77	ng		100
32) Benzoic acid	9.828	122	525308	80.15	ng		99
33) 4-Chloroaniline	10.599	127	1033865	84.61	ng		99
34) Hexachlorobutadiene	10.769	225	481140	77.35	ng		97
35) Caprolactam	11.416	113	257252	83.50	ng		96
36) 4-Chloro-3-methylphenol	11.734	107	838983	80.74	ng		99
37) 2-Methylnaphthalene	12.093	142	1529445	78.01	ng		100
38) 1-Methylnaphthalene	12.322	142	1613775	76.92	ng		99
40) 1,2,4,5-Tetrachloroben...	12.469	216	875750	80.73	ng		100
41) Hexachlorocyclopentadiene	12.446	237	628436	95.54	ng		97
43) 2,4,6-Trichlorophenol	12.716	196	601332	85.58	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	657399	84.05	ng	97
46) 1,1'-Biphenyl	13.122	154	2175624	78.79	ng	100
47) 2-Chloronaphthalene	13.163	162	1662979	78.99	ng	99
48) 2-Nitroaniline	13.375	65	512458	82.22	ng	97
49) Acenaphthylene	14.016	152	2773742	78.73	ng	99
50) Dimethylphthalate	13.763	163	2182359	76.64	ng	100
51) 2,6-Dinitrotoluene	13.887	165	476606	79.26	ng	97
52) Acenaphthene	14.363	154	1572103	77.62	ng	99
53) 3-Nitroaniline	14.222	138	522849	85.15	ng	100
54) 2,4-Dinitrophenol	14.428	184	300458	79.29	ng	98
55) Dibenzofuran	14.704	168	2477374	76.68	ng	99
56) 4-Nitrophenol	14.557	139	409954	77.27	ng	98
57) 2,4-Dinitrotoluene	14.681	165	678287	80.01	ng	97
58) Fluorene	15.363	166	2003709	76.06	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.945	232	588947	81.17	ng	98
60) Diethylphthalate	15.145	149	2193488	76.22	ng	99
61) 4-Chlorophenyl-phenyle...	15.363	204	997863	75.96	ng	99
62) 4-Nitroaniline	15.404	138	509582	85.24	ng	99
63) Azobenzene	15.663	77	1858146	75.47	ng	99
65) 4,6-Dinitro-2-methylph...	15.469	198	401011	87.01	ng	98
66) n-Nitrosodiphenylamine	15.587	169	1711679	78.10	ng	99
67) 4-Bromophenyl-phenylether	16.281	248	684619	81.43	ng	98
68) Hexachlorobenzene	16.398	284	856547	80.18	ng	99
69) Atrazine	16.575	200	645877	80.42	ng	99
70) Pentachlorophenol	16.751	266	548492	91.41	ng	99
71) Phenanthrene	17.145	178	3091665	77.95	ng	99
72) Anthracene	17.239	178	3161669	79.23	ng	99
73) Carbazole	17.522	167	2892236	80.08	ng	99
74) Di-n-butylphthalate	18.110	149	3747927	80.68	ng	99
75) Fluoranthene	19.228	202	3629085	78.27	ng	99
77) Benzidine	19.422	184	1678507	79.83	ng	100
78) Pyrene	19.604	202	3747276	81.65	ng	99
80) Butylbenzylphthalate	20.545	149	1741954	85.34	ng	98
81) Benzo(a)anthracene	21.498	228	3829787	79.63	ng	99
82) 3,3'-Dichlorobenzidine	21.422	252	1575691	88.21	ng	100
83) Chrysene	21.569	228	3615014	79.29	ng	99
84) Bis(2-ethylhexyl)phtha...	21.439	149	2577445	85.91	ng	99
85) Di-n-octyl phthalate	22.686	149	4341653	88.50	ng	99
87) Indeno(1,2,3-cd)pyrene	28.515	276	5243999m	81.85	ng	
88) Benzo(b)fluoranthene	23.768	252	4173798	83.11	ng	99
89) Benzo(k)fluoranthene	23.833	252	4160268	80.40	ng	100
90) Benzo(a)pyrene	24.645	252	3988360	82.69	ng	99
91) Dibenzo(a,h)anthracene	28.598	278	4338518	83.26	ng	99
92) Benzo(g,h,i)perylene	29.680	276	4253459	82.08	ng	99

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

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