Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF043025\
Data File : BF142242.D
Acq On : 30 Apr 2025 12:49
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Apr 30 15:42:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF043025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 30 15:28:40 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/01/2025
Supervised By :Jagrut Upadhyay 05/01/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	194641	20.000	ng	0.00
21) Naphthalene-d8	8.193	136	746567	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	398805	20.000	ng	0.00
64) Phenanthrene-d10	11.434	188	679379	20.000	ng	0.00
76) Chrysene-d12	14.075	240	430351	20.000	ng	0.00
86) Perylene-d12	15.569	264	350840	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	492356	40.399	ng	0.00
7) Phenol-d6	6.516	99	597221	40.580	ng	-0.01
23) Nitrobenzene-d5	7.469	82	450837	39.673	ng	0.00
42) 2,4,6-Tribromophenol	10.734	330	146779	40.372	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1212743	42.876	ng	0.00
79) Terphenyl-d14	13.022	244	1223735	41.357	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	109201	20.062	ng	100
3) Pyridine	3.458	79	282987	20.004	ng	100
4) n-Nitrosodimethylamine	3.399	42	141737	19.361	ng	97
6) Aniline	6.569	93	419797	20.152	ng	99
8) 2-Chlorophenol	6.687	128	253840	20.156	ng	99
9) Benzaldehyde	6.457	77	213052	20.712	ng	98
10) Phenol	6.534	94	322435	20.352	ng	98
11) bis(2-Chloroethyl)ether	6.640	93	247179	20.132	ng	99
12) 1,3-Dichlorobenzene	6.851	146	289129	20.294	ng	100
13) 1,4-Dichlorobenzene	6.928	146	290927	20.268	ng	99
14) 1,2-Dichlorobenzene	7.081	146	278592	20.331	ng	99
15) Benzyl Alcohol	7.040	79	207042	19.835	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.181	45	448250	20.218	ng	99
17) 2-Methylphenol	7.146	107	207957	20.157	ng	99
18) Hexachloroethane	7.422	117	93572	19.917	ng	96
19) n-Nitroso-di-n-propyla...	7.316	70	184776	20.318	ng	99
20) 3+4-Methylphenols	7.298	107	267057	20.700	ng	96
22) Acetophenone	7.310	105	360484	20.872	ng	98
24) Nitrobenzene	7.487	77	221499	19.865	ng	98
25) Isophorone	7.722	82	479096	20.088	ng	99
26) 2-Nitrophenol	7.804	139	61615	17.893	ng	98
27) 2,4-Dimethylphenol	7.834	122	248864	20.696	ng	97
28) bis(2-Chloroethoxy)met...	7.934	93	309073	20.549	ng	99
29) 2,4-Dichlorophenol	8.040	162	204821	20.374	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	227898	20.315	ng	100
31) Naphthalene	8.210	128	772839	20.758	ng	100
32) Benzoic acid	7.904	122	64656m	19.412	ng	
33) 4-Chloroaniline	8.257	127	320218	20.654	ng	99
34) Hexachlorobutadiene	8.334	225	133474	20.393	ng	99
35) Caprolactam	8.604	113	60791	20.118	ng	99
36) 4-Chloro-3-methylphenol	8.722	107	208419	20.190	ng	99
37) 2-Methylnaphthalene	8.904	142	472896	20.658	ng	100
38) 1-Methylnaphthalene	9.004	142	497635	20.985	ng	99
40) 1,2,4,5-Tetrachloroben...	9.069	216	228311	20.342	ng	99
41) Hexachlorocyclopentadiene	9.057	237	121953	19.145	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	140807	20.246	ng	100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	144462	19.756	ng		99
46) 1,1'-Biphenyl	9.369	154	643017	20.740	ng		99
47) 2-Chloronaphthalene	9.392	162	474899	20.588	ng		98
48) 2-Nitroaniline	9.481	65	90798	18.213	ng		97
49) Acenaphthylene	9.810	152	807654	20.749	ng		99
50) Dimethylphthalate	9.663	163	518802	20.334	ng		100
51) 2,6-Dinitrotoluene	9.722	165	76955	18.432	ng		93
52) Acenaphthene	9.981	154	460927	20.281	ng		100
53) 3-Nitroaniline	9.892	138	100560	18.959	ng	#	95
54) 2,4-Dinitrophenol	9.992	184	14553	18.804	ng	#	1
55) Dibenzofuran	10.151	168	698155	20.493	ng		100
56) 4-Nitrophenol	10.034	139	70423	17.561	ng		97
57) 2,4-Dinitrotoluene	10.122	165	84812	17.844	ng		95
58) Fluorene	10.492	166	538647	20.793	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	124353	20.530	ng		99
60) Diethylphthalate	10.363	149	519294	20.611	ng		98
61) 4-Chlorophenyl-phenyle...	10.486	204	252213	20.502	ng		99
62) 4-Nitroaniline	10.498	138	92884	18.933	ng		97
63) Azobenzene	10.645	77	508482	20.438	ng		98
65) 4,6-Dinitro-2-methylph...	10.528	198	23400	18.756	ng		98
66) n-Nitrosodiphenylamine	10.604	169	470767	20.280	ng		100
67) 4-Bromophenyl-phenylether	10.981	248	151720	20.053	ng		99
68) Hexachlorobenzene	11.039	284	168767	19.916	ng		97
69) Atrazine	11.128	200	126444	20.665	ng		99
70) Pentachlorophenol	11.228	266	81929	18.301	ng		99
71) Phenanthrene	11.457	178	760476	20.723	ng		99
72) Anthracene	11.510	178	782215	20.848	ng		99
73) Carbazole	11.657	167	720775	21.059	ng		99
74) Di-n-butylphthalate	11.998	149	739011	21.469	ng		99
75) Fluoranthene	12.645	202	784880	21.636	ng		100
77) Benzidine	12.769	184	381034	20.837	ng		99
78) Pyrene	12.875	202	795806	20.046	ng		100
80) Butylbenzylphthalate	13.498	149	174268	18.529	ng		99
81) Benzo(a)anthracene	14.063	228	573438	19.849	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	163359	19.251	ng		100
83) Chrysene	14.098	228	537388	20.435	ng		100
84) Bis(2-ethylhexyl)phtha...	14.057	149	236325	18.042	ng		100
85) Di-n-octyl phthalate	14.674	149	376362	17.998	ng		98
87) Indeno(1,2,3-cd)pyrene	17.074	276	514496	20.021	ng		99
88) Benzo(b)fluoranthene	15.127	252	423694	19.442	ng		98
89) Benzo(k)fluoranthene	15.157	252	428646	21.504	ng		98
90) Benzo(a)pyrene	15.504	252	402101	20.154	ng		99
91) Dibenzo(a,h)anthracene	17.092	278	420029	20.139	ng		98
92) Benzo(g,h,i)perylene	17.527	276	422497	20.150	ng		100

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

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