Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141149.D
Acq On : 14 Jan 2025 16:53
Operator : RC/JU
Sample : Q1074-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 14 17:14:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 10 22:54:19 2025
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel
01/14/2025
Supervised By :mohammad ahmed
01/14/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	164286	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	639443	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	349947	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	587187	20.000	ng		0.00
76) Chrysene-d12	13.992	240	398217	20.000	ng		0.00
86) Perylene-d12	15.451	264	339803	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.452	112	1382773	130.024	ng		0.02
7) Phenol-d6	6.451	99	1657119	123.012	ng		0.00
23) Nitrobenzene-d5	7.387	82	1233467	102.252	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	659699	165.445	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	2305870	100.620	ng		0.00
79) Terphenyl-d14	12.933	244	2628772	98.116	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.805	88	190309m	40.185	ng		
3) Pyridine	3.487	79	469156	40.398	ng		96
4) n-Nitrosodimethylamine	3.422	42	260583	45.890	ng		99
6) Aniline	6.487	93	227487	19.020	ng		94
8) 2-Chlorophenol	6.604	128	576843	50.557	ng		98
9) Benzaldehyde	6.369	77	55050	6.938	ng		100
10) Phenol	6.463	94	602644	41.791	ng		95
11) bis(2-Chloroethyl)ether	6.557	93	521334	48.511	ng		98
12) 1,3-Dichlorobenzene	6.763	146	559859	43.995	ng		99
13) 1,4-Dichlorobenzene	6.840	146	569878	44.440	ng		99
14) 1,2-Dichlorobenzene	6.987	146	547830	45.798	ng		98
15) Benzyl Alcohol	6.963	79	483819	49.732	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.093	45	710828	47.399	ng		87
17) 2-Methylphenol	7.075	107	488800	53.064	ng		97
18) Hexachloroethane	7.334	117	209784	45.238	ng		96
19) n-Nitroso-di-n-propyla...	7.240	70	402975	50.782	ng		98
20) 3+4-Methylphenols	7.228	107	563439	48.483	ng	#	79
22) Acetophenone	7.228	105	764269	50.277	ng	#	94
24) Nitrobenzene	7.404	77	595463	47.363	ng		99
25) Isophorone	7.645	82	1106388	53.669	ng		98
26) 2-Nitrophenol	7.716	139	300789	52.595	ng		95
27) 2,4-Dimethylphenol	7.751	122	482335	62.527	ng		97
28) bis(2-Chloroethoxy)met...	7.851	93	671344	51.891	ng		100
29) 2,4-Dichlorophenol	7.957	162	492072	53.710	ng		99
30) 1,2,4-Trichlorobenzene	8.040	180	501709	47.909	ng		100
31) Naphthalene	8.122	128	1653416	49.031	ng		100
32) Benzoic acid	7.875	122	365682	49.418	ng		98
33) 4-Chloroaniline	8.169	127	127250	10.911	ng		99
34) Hexachlorobutadiene	8.240	225	310160	49.153	ng		99
35) Caprolactam	8.545	113	138139m	46.055	ng		
36) 4-Chloro-3-methylphenol	8.657	107	538294	53.724	ng		99
37) 2-Methylnaphthalene	8.816	142	1118128	52.034	ng		100
38) 1-Methylnaphthalene	8.916	142	1033918	48.821	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	509182	50.694	ng		99
41) Hexachlorocyclopentadiene	8.969	237	592041	180.165	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	381484	56.314	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.140	196	361696	50.556	ng	99
46) 1,1'-Biphenyl	9.281	154	1383068	50.891	ng	99
47) 2-Chloronaphthalene	9.304	162	1046898	49.458	ng	100
48) 2-Nitroaniline	9.398	65	332351	52.967	ng	99
49) Acenaphthylene	9.722	152	1637108	54.134	ng	99
50) Dimethylphthalate	9.587	163	1281639	54.553	ng	100
51) 2,6-Dinitrotoluene	9.645	165	284247	52.029	ng	98
52) Acenaphthene	9.892	154	1199555	56.774	ng	100
53) 3-Nitroaniline	9.810	138	97830	17.621	ng	100
54) 2,4-Dinitrophenol	9.916	184	269744	103.875	ng	96
55) Dibenzofuran	10.069	168	1488310	51.787	ng	99
56) 4-Nitrophenol	9.975	139	444764	102.291	ng	95
57) 2,4-Dinitrotoluene	10.051	165	387205	54.995	ng	97
58) Fluorene	10.410	166	1132818	50.737	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	330279	55.539	ng	98
60) Diethylphthalate	10.286	149	1225660	53.440	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	561523	51.601	ng	99
62) 4-Nitroaniline	10.428	138	269496	49.596	ng	94
63) Azobenzene	10.563	77	1181835	52.222	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	194844	57.264	ng	96
66) n-Nitrosodiphenylamine	10.522	169	1029339	54.349	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	376295	55.663	ng	99
68) Hexachlorobenzene	10.957	284	411638	54.699	ng	99
69) Atrazine	11.051	200	360917	70.774	ng	100
70) Pentachlorophenol	11.151	266	516940	107.264	ng	99
71) Phenanthrene	11.369	178	1715559	54.420	ng	100
72) Anthracene	11.422	178	1728141	56.378	ng	99
73) Carbazole	11.575	167	1538511	54.739	ng	100
74) Di-n-butylphthalate	11.910	149	1840254	57.212	ng	100
75) Fluoranthene	12.557	202	1776963	56.487	ng	99
77) Benzidine	12.680	184	235010	31.824	ng	98
78) Pyrene	12.786	202	1790916	47.086	ng	100
80) Butylbenzylphthalate	13.410	149	714355	56.332	ng	99
81) Benzo(a)anthracene	13.980	228	1432425	52.855	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	168857	19.568	ng	100
83) Chrysene	14.016	228	1292775	50.981	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	888789	58.413	ng	99
85) Di-n-octyl phthalate	14.592	149	1384531	60.259	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	1296299	52.071	ng	98
88) Benzo(b)fluoranthene	15.027	252	1295519	59.125	ng	100
89) Benzo(k)fluoranthene	15.057	252	1048080	56.600	ng	99
90) Benzo(a)pyrene	15.392	252	1069136	59.139	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	1044407	51.870	ng	98
92) Benzo(g,h,i)perylene	17.351	276	969401	46.286	ng	98

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

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