Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141155.D
Acq On : 14 Jan 2025 19:30
Operator : RC/JU
Sample : Q1074-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Jan 15 00:13:26 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 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	149157	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	589764	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	314174	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	517353	20.000	ng		0.00
76) Chrysene-d12	13.986	240	318547	20.000	ng		0.00
86) Perylene-d12	15.451	264	339877	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	919166	95.197	ng		0.01
7) Phenol-d6	6.446	99	1160605	94.893	ng		0.00
23) Nitrobenzene-d5	7.381	82	747053	67.146	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	379541	106.023	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1329576	64.624	ng		0.00
79) Terphenyl-d14	12.927	244	1275051	59.492	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.646	88	188244	43.781	ng		100
3) Pyridine	3.381	79	462554	43.869	ng		98
4) n-Nitrosodimethylamine	3.334	42	257594	49.965	ng		98
6) Aniline	6.481	93	313171	28.840	ng		96
8) 2-Chlorophenol	6.604	128	547681	52.870	ng		97
9) Benzaldehyde	6.369	77	67588	9.383	ng		96
10) Phenol	6.463	94	651141	49.734	ng		98
11) bis(2-Chloroethyl)ether	6.557	93	494630	50.694	ng		97
12) 1,3-Dichlorobenzene	6.763	146	565663	48.960	ng		99
13) 1,4-Dichlorobenzene	6.840	146	567827	48.771	ng		99
14) 1,2-Dichlorobenzene	6.987	146	548361	50.493	ng		98
15) Benzyl Alcohol	6.963	79	477951	54.112	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.093	45	681551	50.057	ng		95
17) 2-Methylphenol	7.075	107	439249	52.521	ng		98
18) Hexachloroethane	7.334	117	213682	50.752	ng		97
19) n-Nitroso-di-n-propyla...	7.234	70	367688	51.035	ng		99
20) 3+4-Methylphenols	7.222	107	531530	50.376	ng	#	90
22) Acetophenone	7.228	105	706240	50.373	ng	#	94
24) Nitrobenzene	7.404	77	566792	48.880	ng		99
25) Isophorone	7.645	82	1007494	52.988	ng		98
26) 2-Nitrophenol	7.716	139	289536	54.892	ng		96
27) 2,4-Dimethylphenol	7.757	122	444057	62.414	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	616626	51.676	ng		100
29) 2,4-Dichlorophenol	7.957	162	450458	53.309	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	472430	48.913	ng		98
31) Naphthalene	8.128	128	1551955	49.899	ng		100
32) Benzoic acid	7.881	122	371262	54.398	ng		98
33) 4-Chloroaniline	8.169	127	148650	13.820	ng		100
34) Hexachlorobutadiene	8.240	225	299921	51.534	ng		99
35) Caprolactam	8.545	113	133452m	48.240	ng		
36) 4-Chloro-3-methylphenol	8.657	107	499316	54.031	ng		98
37) 2-Methylnaphthalene	8.816	142	1029781	51.959	ng		100
38) 1-Methylnaphthalene	8.916	142	959745	49.136	ng		100
40) 1,2,4,5-Tetrachloroben...	8.981	216	469672	52.085	ng		98
41) Hexachlorocyclopentadiene	8.969	237	505876	171.472	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	342619	56.336	ng		100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	324139	50.465	ng	99
46) 1,1'-Biphenyl	9.281	154	1257968	51.559	ng	99
47) 2-Chloronaphthalene	9.304	162	955471	50.279	ng	99
48) 2-Nitroaniline	9.398	65	301413	53.506	ng	98
49) Acenaphthylene	9.722	152	1471436	54.196	ng	100
50) Dimethylphthalate	9.587	163	1151444	54.592	ng	100
51) 2,6-Dinitrotoluene	9.645	165	255418	52.075	ng	97
52) Acenaphthene	9.892	154	1083026	57.096	ng	100
53) 3-Nitroaniline	9.810	138	142051	28.500	ng	100
54) 2,4-Dinitrophenol	9.916	184	242406	103.977	ng	93
55) Dibenzofuran	10.069	168	1338688	51.885	ng	99
56) 4-Nitrophenol	9.975	139	413821	106.012	ng	96
57) 2,4-Dinitrotoluene	10.045	165	343993	54.421	ng	97
58) Fluorene	10.410	166	1039986	51.883	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.181	232	290101	54.337	ng	98
60) Diethylphthalate	10.286	149	1117805	54.286	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	512543	52.463	ng	99
62) 4-Nitroaniline	10.428	138	229456	47.035	ng	95
63) Azobenzene	10.563	77	1127723	55.505	ng	98
65) 4,6-Dinitro-2-methylph...	10.451	198	172096	57.405	ng	99
66) n-Nitrosodiphenylamine	10.522	169	918082	55.018	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	336484	56.492	ng	99
68) Hexachlorobenzene	10.957	284	366593	55.289	ng	98
69) Atrazine	11.051	200	312767	69.611	ng	100
70) Pentachlorophenol	11.151	266	447040	105.281	ng	98
71) Phenanthrene	11.369	178	1532033	55.159	ng	100
72) Anthracene	11.422	178	1522421	56.371	ng	100
73) Carbazole	11.575	167	1287360	51.986	ng	100
74) Di-n-butylphthalate	11.910	149	1636720	57.753	ng	100
75) Fluoranthene	12.557	202	1459523	52.658	ng	98
77) Benzidine	12.680	184	371547	62.897	ng	99
78) Pyrene	12.786	202	1471050	48.349	ng	100
80) Butylbenzylphthalate	13.410	149	567947	55.988	ng	100
81) Benzo(a)anthracene	13.974	228	1184166	54.623	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	286811	41.549	ng	99
83) Chrysene	14.016	228	1029725	50.763	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	728582	59.860	ng	99
85) Di-n-octyl phthalate	14.592	149	1208869	65.772	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	1211686	48.661	ng	98
88) Benzo(b)fluoranthene	15.027	252	1252812	57.163	ng	100
89) Benzo(k)fluoranthene	15.057	252	941332	50.824	ng	100
90) Benzo(a)pyrene	15.392	252	1042377	57.647	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	963802	47.856	ng	98
92) Benzo(g,h,i)perylene	17.351	276	886683	42.327	ng	98

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

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