Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141150.D
Acq On : 14 Jan 2025 17:19
Operator : RC/JU
Sample : Q1074-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 14 18:04:03 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-DGAMSD

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	155585	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	627657	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	338536	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	580148	20.000	ng		0.00
76) Chrysene-d12	13.986	240	406213	20.000	ng		0.00
86) Perylene-d12	15.451	264	347283	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.451	112	1373626	136.387	ng		0.02
7) Phenol-d6	6.451	99	1657007	129.883	ng		0.00
23) Nitrobenzene-d5	7.386	82	1226615	103.593	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	669832	173.649	ng		0.00
45) 2-Fluorobiphenyl	9.180	172	2312777	104.323	ng		0.00
79) Terphenyl-d14	12.933	244	2695148	98.614	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.804	88	185582m	41.378	ng		
3) Pyridine	3.487	79	464998	42.279	ng		96
4) n-Nitrosodimethylamine	3.422	42	259046	48.170	ng		99
6) Aniline	6.487	93	229940	20.301	ng		95
8) 2-Chlorophenol	6.604	128	575264	53.238	ng		97
9) Benzaldehyde	6.369	77	56447	7.512	ng		98
10) Phenol	6.463	94	600629	43.981	ng		96
11) bis(2-Chloroethyl)ether	6.557	93	520457	51.138	ng		98
12) 1,3-Dichlorobenzene	6.763	146	556133	46.146	ng		100
13) 1,4-Dichlorobenzene	6.839	146	568366	46.801	ng		100
14) 1,2-Dichlorobenzene	6.992	146	551532	48.686	ng		97
15) Benzyl Alcohol	6.963	79	491657	53.364	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	706460	49.743	ng		94
17) 2-Methylphenol	7.075	107	486990	55.824	ng		98
18) Hexachloroethane	7.334	117	209437	47.689	ng		97
19) n-Nitroso-di-n-propyla...	7.239	70	399691	53.185	ng		97
20) 3+4-Methylphenols	7.228	107	564161	51.260	ng	#	80
22) Acetophenone	7.234	105	763315	51.157	ng		98
24) Nitrobenzene	7.404	77	596941	48.373	ng		99
25) Isophorone	7.645	82	1108477	54.780	ng		98
26) 2-Nitrophenol	7.716	139	305593	54.439	ng		96
27) 2,4-Dimethylphenol	7.757	122	493225	65.140	ng		99
28) bis(2-Chloroethoxy)met...	7.851	93	665724	52.422	ng		100
29) 2,4-Dichlorophenol	7.957	162	491220	54.624	ng		100
30) 1,2,4-Trichlorobenzene	8.039	180	498233	48.470	ng		99
31) Naphthalene	8.122	128	1664034	50.273	ng		100
32) Benzoic acid	7.875	122	347675	47.866	ng		97
33) 4-Chloroaniline	8.169	127	135061	11.799	ng		99
34) Hexachlorobutadiene	8.239	225	306893	49.549	ng		99
35) Caprolactam	8.545	113	137852m	46.822	ng		
36) 4-Chloro-3-methylphenol	8.657	107	551061	56.031	ng		98
37) 2-Methylnaphthalene	8.816	142	1121571	53.174	ng		99
38) 1-Methylnaphthalene	8.916	142	1042566	50.154	ng		99
40) 1,2,4,5-Tetrachloroben...	8.980	216	512321	52.726	ng		98
41) Hexachlorocyclopentadiene	8.969	237	587785	184.899	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	385870	58.882	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	363797	52.564	ng	99
46) 1,1'-Biphenyl	9.280	154	1396547	53.119	ng	99
47) 2-Chloronaphthalene	9.304	162	1049742	51.264	ng	99
48) 2-Nitroaniline	9.398	65	337761	55.643	ng	98
49) Acenaphthylene	9.722	152	1651658	56.456	ng	100
50) Dimethylphthalate	9.586	163	1306140	57.470	ng	100
51) 2,6-Dinitrotoluene	9.645	165	285325	53.986	ng	96
52) Acenaphthene	9.892	154	1184745	57.963	ng	100
53) 3-Nitroaniline	9.810	138	99328	18.494	ng	99
54) 2,4-Dinitrophenol	9.916	184	243053	96.752	ng	94
55) Dibenzofuran	10.069	168	1498735	53.908	ng	99
56) 4-Nitrophenol	9.975	139	454663	108.093	ng	96
57) 2,4-Dinitrotoluene	10.051	165	384629	56.471	ng	96
58) Fluorene	10.410	166	1156506	53.544	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	330693	57.483	ng	98
60) Diethylphthalate	10.286	149	1246116	56.163	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	569301	54.079	ng	99
62) 4-Nitroaniline	10.427	138	277466	52.784	ng	96
63) Azobenzene	10.563	77	1198244	54.732	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	187722	55.840	ng	96
66) n-Nitrosodiphenylamine	10.522	169	1047413	55.974	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	381543	57.124	ng	99
68) Hexachlorobenzene	10.957	284	423034	56.896	ng	99
69) Atrazine	11.051	200	371229	73.679	ng	99
70) Pentachlorophenol	11.151	266	524523	110.158	ng	99
71) Phenanthrene	11.374	178	1734144	55.677	ng	100
72) Anthracene	11.422	178	1763437	58.228	ng	100
73) Carbazole	11.574	167	1571248	56.582	ng	99
74) Di-n-butylphthalate	11.910	149	1883575	59.269	ng	99
75) Fluoranthene	12.557	202	1789892	57.588	ng	98
77) Benzidine	12.680	184	250636	33.272	ng	99
78) Pyrene	12.786	202	1846205	47.584	ng	99
80) Butylbenzylphthalate	13.410	149	738775	57.111	ng	99
81) Benzo(a)anthracene	13.974	228	1493709	54.032	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	182302	20.710	ng	100
83) Chrysene	14.015	228	1349891	52.185	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	938254	60.451	ng	100
85) Di-n-octyl phthalate	14.592	149	1484317	63.330	ng	98
87) Indeno(1,2,3-cd)pyrene	16.909	276	1321794	51.951	ng	98
88) Benzo(b)fluoranthene	15.027	252	1316524	58.789	ng	100
89) Benzo(k)fluoranthene	15.057	252	1118011	59.076	ng	99
90) Benzo(a)pyrene	15.392	252	1125153	60.897	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	1057853	51.406	ng	98
92) Benzo(g,h,i)perylene	17.351	276	989875	46.246	ng	98

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

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