Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141156.D
Acq On : 14 Jan 2025 19:57
Operator : RC/JU
Sample : Q1074-01MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
HACKENSACK-DGAMSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 01/15/2025
Supervised By :Jagrut Upadhyay 01/15/2025

Quant Time: Jan 15 00:13:56 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	151867	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	609637	20.000	ng		0.00
39) Acenaphthene-d10	9.863	164	322957	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	514760	20.000	ng		0.00
76) Chrysene-d12	13.986	240	294091	20.000	ng		0.00
86) Perylene-d12	15.439	264	314392	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.440	112	955136	97.157	ng		0.01
7) Phenol-d6	6.445	99	1208531	97.049	ng		0.00
23) Nitrobenzene-d5	7.381	82	776817	67.545	ng		0.00
42) 2,4,6-Tribromophenol	10.651	330	392458	106.650	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1402811	66.329	ng		0.00
79) Terphenyl-d14	12.927	244	1233064	62.318	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.652	88	199094	45.478	ng		99
3) Pyridine	3.387	79	489520	45.598	ng		98
4) n-Nitrosodimethylamine	3.346	42	269102	51.265	ng		100
6) Aniline	6.481	93	328996	29.757	ng		93
8) 2-Chlorophenol	6.604	128	568627	53.912	ng		97
9) Benzaldehyde	6.369	77	70916	9.669	ng		96
10) Phenol	6.463	94	676514	50.750	ng		97
11) bis(2-Chloroethyl)ether	6.557	93	517396	52.081	ng		97
12) 1,3-Dichlorobenzene	6.763	146	586114	49.825	ng		99
13) 1,4-Dichlorobenzene	6.839	146	595584	50.243	ng		99
14) 1,2-Dichlorobenzene	6.987	146	572544	51.779	ng		98
15) Benzyl Alcohol	6.963	79	505981	56.263	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.098	45	711115	51.296	ng		97
17) 2-Methylphenol	7.075	107	458745	53.873	ng		98
18) Hexachloroethane	7.334	117	223180	52.062	ng		97
19) n-Nitroso-di-n-propyla...	7.234	70	384789	52.456	ng		100
20) 3+4-Methylphenols	7.228	107	550527	51.246	ng	#	81
22) Acetophenone	7.228	105	743275	51.287	ng	#	93
24) Nitrobenzene	7.404	77	588016	49.058	ng		99
25) Isophorone	7.645	82	1054264	53.641	ng		98
26) 2-Nitrophenol	7.716	139	300264	55.070	ng		95
27) 2,4-Dimethylphenol	7.757	122	459329	62.456	ng		98
28) bis(2-Chloroethoxy)met...	7.851	93	641437	52.003	ng		100
29) 2,4-Dichlorophenol	7.957	162	471119	53.937	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	490188	49.097	ng		98
31) Naphthalene	8.128	128	1628598	50.657	ng		100
32) Benzoic acid	7.881	122	381746	54.111	ng		99
33) 4-Chloroaniline	8.169	127	156497	14.075	ng		99
34) Hexachlorobutadiene	8.245	225	310186	51.561	ng		99
35) Caprolactam	8.551	113	140171m	49.017	ng		
36) 4-Chloro-3-methylphenol	8.657	107	518723	54.302	ng		98
37) 2-Methylnaphthalene	8.816	142	1076455	52.543	ng		100
38) 1-Methylnaphthalene	8.916	142	995535	49.307	ng		100
40) 1,2,4,5-Tetrachloroben...	8.980	216	498108	53.736	ng		99
41) Hexachlorocyclopentadiene	8.969	237	504583	166.383	ng		100
43) 2,4,6-Trichlorophenol	9.092	196	357752	57.225	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	345493	52.327	ng	99
46) 1,1'-Biphenyl	9.280	154	1318893	52.586	ng	99
47) 2-Chloronaphthalene	9.304	162	992122	50.787	ng	99
48) 2-Nitroaniline	9.404	65	309080	53.375	ng	99
49) Acenaphthylene	9.722	152	1538588	55.128	ng	99
50) Dimethylphthalate	9.586	163	1201816	55.431	ng	100
51) 2,6-Dinitrotoluene	9.645	165	267757	53.106	ng	96
52) Acenaphthene	9.892	154	1115665	57.217	ng	100
53) 3-Nitroaniline	9.810	138	150407	29.356	ng	100
54) 2,4-Dinitrophenol	9.916	184	252199	105.235	ng	92
55) Dibenzofuran	10.069	168	1396624	52.658	ng	99
56) 4-Nitrophenol	9.975	139	422746	105.353	ng	95
57) 2,4-Dinitrotoluene	10.051	165	355952	54.781	ng	98
58) Fluorene	10.410	166	1065700	51.720	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	299289	54.534	ng	97
60) Diethylphthalate	10.286	149	1168680	55.214	ng	100
61) 4-Chlorophenyl-phenyle...	10.404	204	531119	52.886	ng	98
62) 4-Nitroaniline	10.427	138	233484	46.559	ng	96
63) Azobenzene	10.563	77	1171626	56.097	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	172642	57.877	ng	96
66) n-Nitrosodiphenylamine	10.522	169	960538	57.852	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	342995	57.875	ng	99
68) Hexachlorobenzene	10.957	284	377477	57.218	ng	99
69) Atrazine	11.051	200	320554	71.703	ng	99
70) Pentachlorophenol	11.151	266	455280	107.762	ng	99
71) Phenanthrene	11.374	178	1556213	56.311	ng	100
72) Anthracene	11.422	178	1564553	58.223	ng	100
73) Carbazole	11.574	167	1287591	52.257	ng	100
74) Di-n-butylphthalate	11.910	149	1661684	58.929	ng	99
75) Fluoranthene	12.557	202	1432774	51.954	ng	99
77) Benzidine	12.680	184	372303	68.266	ng	99
78) Pyrene	12.786	202	1417250	50.455	ng	99
80) Butylbenzylphthalate	13.410	149	558286	59.613	ng	97
81) Benzo(a)anthracene	13.974	228	1081703	54.046	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	279192	43.808	ng	99
83) Chrysene	14.010	228	1040429	55.556	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	705873	62.817	ng	100
85) Di-n-octyl phthalate	14.586	149	1147412	67.620	ng	99
87) Indeno(1,2,3-cd)pyrene	16.904	276	1153076	50.061	ng	97
88) Benzo(b)fluoranthene	15.021	252	1198642	59.125	ng	100
89) Benzo(k)fluoranthene	15.051	252	892948	52.120	ng	100
90) Benzo(a)pyrene	15.386	252	1012750	60.548	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	927943	49.811	ng	98
92) Benzo(g,h,i)perylene	17.339	276	835144	43.099	ng	98

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

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