Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011425\
Data File : BF141159.D
Acq On : 14 Jan 2025 21:16
Operator : RC/JU
Sample : Q1068-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-06-1-10-2025MS

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

Quant Time: Jan 15 00:14:55 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	159697	20.000	ng		0.00
21) Naphthalene-d8	8.104	136	597490	20.000	ng		0.00
39) Acenaphthene-d10	9.857	164	276953	20.000	ng		0.00
64) Phenanthrene-d10	11.345	188	378415	20.000	ng		0.00
76) Chrysene-d12	13.986	240	313360	20.000	ng		0.00
86) Perylene-d12	15.451	264	270754	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	737144	71.306	ng		0.00
7) Phenol-d6	6.445	99	1069688	81.688	ng		0.00
23) Nitrobenzene-d5	7.381	82	689648	61.185	ng		0.00
42) 2,4,6-Tribromophenol	10.645	330	105287	33.364	ng		0.00
45) 2-Fluorobiphenyl	9.181	172	1215675	67.029	ng		0.00
79) Terphenyl-d14	12.933	244	1025474	48.639	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.593	88	109172	23.715	ng		99
3) Pyridine	3.334	79	271611	24.060	ng		99
4) n-Nitrosodimethylamine	3.275	42	157019	28.446	ng		98
6) Aniline	6.481	93	194509	16.730	ng		97
8) 2-Chlorophenol	6.604	128	314402	28.347	ng		96
9) Benzaldehyde	6.369	77	44700	5.796	ng		95
10) Phenol	6.463	94	405852	28.953	ng		97
11) bis(2-Chloroethyl)ether	6.557	93	313869	30.045	ng		97
12) 1,3-Dichlorobenzene	6.763	146	342921	27.722	ng		99
13) 1,4-Dichlorobenzene	6.840	146	351773	28.220	ng		99
14) 1,2-Dichlorobenzene	6.992	146	335995	28.896	ng		97
15) Benzyl Alcohol	6.957	79	292587	30.939	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.092	45	427345	29.315	ng		98
17) 2-Methylphenol	7.069	107	266970	29.815	ng		99
18) Hexachloroethane	7.334	117	117164	25.991	ng		98
19) n-Nitroso-di-n-propyla...	7.234	70	229727	29.782	ng		99
20) 3+4-Methylphenols	7.222	107	334453	29.606	ng	#	88
22) Acetophenone	7.228	105	450535	31.719	ng		96
24) Nitrobenzene	7.404	77	342822	29.183	ng		99
25) Isophorone	7.639	82	614561	31.904	ng		99
26) 2-Nitrophenol	7.716	139	111720	20.907	ng		97
27) 2,4-Dimethylphenol	7.751	122	257519m	35.727	ng		
28) bis(2-Chloroethoxy)met...	7.851	93	377543	31.231	ng		99
29) 2,4-Dichlorophenol	7.957	162	237655	27.762	ng		99
30) 1,2,4-Trichlorobenzene	8.045	180	282368	28.857	ng		99
31) Naphthalene	8.128	128	980838	31.129	ng		99
32) Benzoic acid	7.863	122	9674	1.399	ng	#	85
33) 4-Chloroaniline	8.169	127	163530	15.007	ng		99
34) Hexachlorobutadiene	8.245	225	175047	29.689	ng		100
35) Caprolactam	8.522	113	74963	26.747	ng		97
36) 4-Chloro-3-methylphenol	8.651	107	271282	28.976	ng		98
37) 2-Methylnaphthalene	8.816	142	619371	30.847	ng		100
38) 1-Methylnaphthalene	8.916	142	570669	28.839	ng		99
40) 1,2,4,5-Tetrachloroben...	8.981	216	274019	34.472	ng		100
41) Hexachlorocyclopentadiene	8.969	237	54170	20.829	ng		99
43) 2,4,6-Trichlorophenol	9.092	196	92751	17.300	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	125997	22.253	ng		99
46) 1,1'-Biphenyl	9.281	154	731201	33.996	ng		99
47) 2-Chloronaphthalene	9.304	162	529765	31.624	ng		99
48) 2-Nitroaniline	9.398	65	162538	32.731	ng		100
49) Acenaphthylene	9.722	152	940175	39.282	ng		100
50) Dimethylphthalate	9.581	163	629551	33.860	ng		100
51) 2,6-Dinitrotoluene	9.639	165	126808	29.328	ng		95
52) Acenaphthene	9.892	154	508055	30.384	ng		99
53) 3-Nitroaniline	9.804	138	116664	26.552	ng		97
54) 2,4-Dinitrophenol	9.910	184	903	0.439	ng	#	1
55) Dibenzofuran	10.063	168	708420	31.147	ng		100
56) 4-Nitrophenol	9.957	139	71498	20.778	ng		92
57) 2,4-Dinitrotoluene	10.039	165	153859	27.612	ng		99
58) Fluorene	10.404	166	540967	30.615	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.180	232	55452	11.782	ng	#	78
60) Diethylphthalate	10.280	149	592887	32.663	ng		100
61) 4-Chlorophenyl-phenyle...	10.398	204	261653	30.382	ng		95
62) 4-Nitroaniline	10.416	138	114019	26.513	ng		94
63) Azobenzene	10.557	77	567392	31.679	ng		99
65) 4,6-Dinitro-2-methylph...	10.445	198	1960m	0.894	ng		
66) n-Nitrosodiphenylamine	10.516	169	464955	38.094	ng		100
67) 4-Bromophenyl-phenylether	10.892	248	154974	35.571	ng		100
68) Hexachlorobenzene	10.951	284	159863	32.963	ng		97
69) Atrazine	11.045	200	147638	44.923	ng		99
70) Pentachlorophenol	11.145	266	72280	23.272	ng		99
71) Phenanthrene	11.369	178	793990	39.082	ng		99
72) Anthracene	11.422	178	818690	41.444	ng		100
73) Carbazole	11.575	167	591661	32.665	ng		99
74) Di-n-butylphthalate	11.910	149	760422	36.684	ng		100
75) Fluoranthene	12.557	202	881452	43.478	ng		99
77) Benzidine	12.680	184	139419	23.992	ng		96
78) Pyrene	12.786	202	1075132	35.922	ng		100
80) Butylbenzylphthalate	13.410	149	301572	30.221	ng		99
81) Benzo(a)anthracene	13.980	228	867394	40.673	ng		94
82) 3,3'-Dichlorobenzidine	13.939	252	151012	22.238	ng		98
83) Chrysene	14.016	228	745700	37.370	ng		97
84) Bis(2-ethylhexyl)phtha...	13.974	149	411433	34.363	ng		99
85) Di-n-octyl phthalate	14.586	149	717369	39.677	ng		98
87) Indeno(1,2,3-cd)pyrene	16.904	276	639511	32.240	ng		97
88) Benzo(b)fluoranthene	15.027	252	781207	44.745	ng		100
89) Benzo(k)fluoranthene	15.051	252	617041m	41.821	ng		
90) Benzo(a)pyrene	15.386	252	714076	49.572	ng		100
91) Dibenzo(a,h)anthracene	16.921	278	428753	26.724	ng		98
92) Benzo(g,h,i)perylene	17.345	276	561761	33.663	ng		99

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

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