Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130657.D
Acq On : 13 Oct 2022 20:39
Operator : CG\JU
Sample : N5111-01MSD 2X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Oct 14 06:03:46 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 12 06:52:52 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
WC-3MSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 10/14/2022
Supervised By :Jagrut Upadhyay 10/14/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.587	152	66668	20.000	ng		0.00
21) Naphthalene-d8	7.869	136	218333	20.000	ng		0.00
39) Acenaphthene-d10	9.616	164	95530	20.000	ng		0.00
64) Phenanthrene-d10	11.098	188	163425	20.000	ng		0.00
76) Chrysene-d12	13.727	240	172136	20.000	ng		0.00
86) Perylene-d12	15.104	264	120534	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	167453	45.275	ng		0.00
7) Phenol-d6	6.234	99	190112	40.883	ng		0.00
23) Nitrobenzene-d5	7.157	82	113207	28.306	ng		0.00
42) 2,4,6-Tribromophenol	10.404	330	42991	45.992	ng		0.00
45) 2-Fluorobiphenyl	8.945	172	187441	29.721	ng		0.00
79) Terphenyl-d14	12.674	244	221941	21.399	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.169	88	30473	13.619	ng	#	94
3) Pyridine	2.840	79	69632	17.397	ng		94
4) n-Nitrosodimethylamine	2.787	42	41937	22.238	ng		86
6) Aniline	6.251	93	87976	15.802	ng	#	80
8) 2-Chlorophenol	6.375	128	87689	20.161	ng		97
9) Benzaldehyde	6.139	77	42593	14.579	ng		98
10) Phenol	6.245	94	105452	19.599	ng		92
11) bis(2-Chloroethyl)ether	6.328	93	81247	20.788	ng		98
12) 1,3-Dichlorobenzene	6.528	146	100370	21.076	ng		98
13) 1,4-Dichlorobenzene	6.604	146	101062	20.918	ng		98
14) 1,2-Dichlorobenzene	6.757	146	93492	20.778	ng		97
15) Benzyl Alcohol	6.739	79	62070	18.592	ng		99
16) 2,2'-oxybis(1-Chloropr...	6.875	45	97500	19.391	ng		96
17) 2-Methylphenol	6.857	107	66056	19.092	ng		98
18) Hexachloroethane	7.092	117	34363	18.801	ng		94
19) n-Nitroso-di-n-propyla...	7.004	70	57133	19.043	ng		96
20) 3+4-Methylphenols	7.016	107	82468	17.788	ng	#	84
22) Acetophenone	7.004	105	122137	23.320	ng	#	95
24) Nitrobenzene	7.175	77	84068	20.902	ng		99
25) Isophorone	7.416	82	145335	21.834	ng		99
26) 2-Nitrophenol	7.492	139	37858	19.194	ng		89
27) 2,4-Dimethylphenol	7.539	122	65502	23.827	ng		98
28) bis(2-Chloroethoxy)met...	7.633	93	89873	23.318	ng		98
29) 2,4-Dichlorophenol	7.739	162	57853	18.809	ng		99
30) 1,2,4-Trichlorobenzene	7.816	180	70670	21.312	ng		97
31) Naphthalene	7.892	128	228326	20.202	ng		100
32) Benzoic acid	7.651	122	22301	12.823	ng		89
33) 4-Chloroaniline	7.951	127	67586	15.437	ng		97
34) Hexachlorobutadiene	8.010	225	45600	22.157	ng		97
35) Caprolactam	8.304	113	16495	17.824	ng		93
36) 4-Chloro-3-methylphenol	8.439	107	57543	17.247	ng		96
37) 2-Methylnaphthalene	8.580	142	138705	19.502	ng		98
38) 1-Methylnaphthalene	8.680	142	130025	18.832	ng		99
40) 1,2,4,5-Tetrachloroben...	8.745	216	61563	23.753	ng		98
41) Hexachlorocyclopentadiene	8.728	237	8023	17.051	ng		94
43) 2,4,6-Trichlorophenol	8.869	196	35605	20.459	ng		99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	8.910	196	36191	18.910	ng		98
46)	1,1'-Biphenyl	9.045	154	163722	23.648	ng		99
47)	2-Chloronaphthalene	9.069	162	122444	21.640	ng		99
48)	2-Nitroaniline	9.175	65	35145	20.633	ng		94
49)	Acenaphthylene	9.480	152	180023	21.234	ng		99
50)	Dimethylphthalate	9.351	163	145334	21.977	ng		98
51)	2,6-Dinitrotoluene	9.416	165	28761	19.827	ng		91
52)	Acenaphthene	9.651	154	105837	20.605	ng		99
53)	3-Nitroaniline	9.580	138	28628	18.004	ng		92
54)	2,4-Dinitrophenol	9.716	184	1263	6.576	ng		96
55)	Dibenzofuran	9.822	168	163520	20.897	ng		98
56)	4-Nitrophenol	9.763	139	38265	43.645	ng		96
57)	2,4-Dinitrotoluene	9.816	165	36091	19.359	ng	#	99
58)	Fluorene	10.163	166	131056	20.372	ng		98
59)	2,3,4,6-Tetrachlorophenol	9.945	232	29002	19.008	ng		99
60)	Diethylphthalate	10.045	149	133916	20.297	ng		98
61)	4-Chlorophenyl-phenyle...	10.157	204	60002	20.630	ng		98
62)	4-Nitroaniline	10.192	138	28706	18.909	ng		98
63)	Azobenzene	10.316	77	115454	18.578	ng		98
65)	4,6-Dinitro-2-methylph...	10.227	198	2059m	2.016	ng		
66)	n-Nitrosodiphenylamine	10.280	169	107029	19.688	ng		99
67)	4-Bromophenyl-phenylether	10.645	248	38011	20.556	ng		98
68)	Hexachlorobenzene	10.704	284	44920	21.489	ng		98
69)	Atrazine	10.810	200	37134	25.086	ng		98
70)	Pentachlorophenol	10.910	266	38983	47.917	ng		96
71)	Phenanthrene	11.121	178	211997	23.414	ng		100
72)	Anthracene	11.169	178	203462	23.009	ng		99
73)	Carbazole	11.333	167	187499	23.762	ng		99
74)	Di-n-butylphthalate	11.669	149	210554	22.029	ng		99
75)	Fluoranthene	12.304	202	275707	31.683	ng		99
77)	Benzidine	12.439	184	81944	18.834	ng		99
78)	Pyrene	12.533	202	282706	19.037	ng		99
80)	Butylbenzylphthalate	13.157	149	109193	19.122	ng		96
81)	Benzo(a)anthracene	13.715	228	256563	22.120	ng		100
82)	3,3'-Dichlorobenzidine	13.686	252	73893	22.046	ng		99
83)	Chrysene	13.751	228	234126	21.290	ng		99
84)	Bis(2-ethylhexyl)phtha...	13.715	149	154209	22.276	ng		99
85)	Di-n-octyl phthalate	14.327	149	257054	24.245	ng		99
87)	Indeno(1,2,3-cd)pyrene	16.392	276	152174	16.868	ng		98
88)	Benzo(b)fluoranthene	14.721	252	218604	28.641	ng		99
89)	Benzo(k)fluoranthene	14.751	252	167178	21.512	ng		99
90)	Benzo(a)pyrene	15.045	252	157240	24.753	ng		99
91)	Dibenzo(a,h)anthracene	16.404	278	128406	17.364	ng		99
92)	Benzo(g,h,i)perylene	16.780	276	130445	18.939	ng		96

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

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