Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
Data File : BF130656.D
Acq On : 13 Oct 2022 20:06
Operator : CG\JU
Sample : N5111-01MS 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-3MS

Quant Time: Oct 14 06:03:07 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.587	152	70975	20.000	ng		0.00
21) Naphthalene-d8	7.869	136	245811	20.000	ng		0.00
39) Acenaphthene-d10	9.616	164	106006	20.000	ng		0.00
64) Phenanthrene-d10	11.092	188	173855	20.000	ng		0.00
76) Chrysene-d12	13.727	240	177002	20.000	ng		0.00
86) Perylene-d12	15.104	264	144142	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	178499	45.333	ng		0.00
7) Phenol-d6	6.234	99	206358	41.684	ng		0.00
23) Nitrobenzene-d5	7.157	82	125983	27.979	ng		0.00
42) 2,4,6-Tribromophenol	10.404	330	45746	44.103	ng		0.00
45) 2-Fluorobiphenyl	8.945	172	214761	30.688	ng		0.00
79) Terphenyl-d14	12.675	244	219952	20.625	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.175	88	32772	13.757	ng	#	95
3) Pyridine	2.840	79	74580	17.502	ng		94
4) n-Nitrosodimethylamine	2.787	42	43192	21.513	ng		88
6) Aniline	6.251	93	93419	15.762	ng	#	81
8) 2-Chlorophenol	6.375	128	96486	20.837	ng		95
9) Benzaldehyde	6.140	77	45230	14.542	ng		97
10) Phenol	6.246	94	113428	19.802	ng		91
11) bis(2-Chloroethyl)ether	6.328	93	87592	21.052	ng		98
12) 1,3-Dichlorobenzene	6.528	146	109054	21.510	ng		99
13) 1,4-Dichlorobenzene	6.604	146	109058	21.203	ng		99
14) 1,2-Dichlorobenzene	6.757	146	102420	21.381	ng		99
15) Benzyl Alcohol	6.740	79	68106	19.162	ng		96
16) 2,2'-oxybis(1-Chloropr...	6.875	45	107657	20.111	ng		94
17) 2-Methylphenol	6.857	107	71857	19.509	ng		98
18) Hexachloroethane	7.093	117	39329	20.212	ng		94
19) n-Nitroso-di-n-propyla...	7.004	70	62411	19.540	ng		93
20) 3+4-Methylphenols	7.016	107	89514	18.136	ng	#	85
22) Acetophenone	7.004	105	134024	22.729	ng	#	95
24) Nitrobenzene	7.175	77	94072	20.774	ng		98
25) Isophorone	7.416	82	161754	21.584	ng		99
26) 2-Nitrophenol	7.492	139	44223	19.914	ng		93
27) 2,4-Dimethylphenol	7.540	122	74620	24.109	ng		98
28) bis(2-Chloroethoxy)met...	7.634	93	98682	22.741	ng		99
29) 2,4-Dichlorophenol	7.740	162	66925	19.326	ng		99
30) 1,2,4-Trichlorobenzene	7.816	180	78491	21.025	ng		98
31) Naphthalene	7.892	128	254927	20.035	ng		99
32) Benzoic acid	7.657	122	24619	12.573	ng		96
33) 4-Chloroaniline	7.951	127	67095	13.612	ng		97
34) Hexachlorobutadiene	8.010	225	50882	21.960	ng		97
35) Caprolactam	8.304	113	18517	17.773	ng		92
36) 4-Chloro-3-methylphenol	8.440	107	64210	17.094	ng		96
37) 2-Methylnaphthalene	8.581	142	157107	19.620	ng		99
38) 1-Methylnaphthalene	8.681	142	147192	18.935	ng		99
40) 1,2,4,5-Tetrachloroben...	8.745	216	70911	24.656	ng		99
41) Hexachlorocyclopentadiene	8.734	237	16346	22.979	ng		97
43) 2,4,6-Trichlorophenol	8.869	196	41306	21.390	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	8.910	196	41852	19.707	ng		97
46) 1,1'-Biphenyl	9.045	154	187109	24.356	ng		100
47) 2-Chloronaphthalene	9.069	162	140794	22.424	ng		99
48) 2-Nitroaniline	9.175	65	38353	20.292	ng		99
49) Acenaphthylene	9.481	152	202800	21.557	ng		99
50) Dimethylphthalate	9.351	163	162201	22.104	ng		98
51) 2,6-Dinitrotoluene	9.416	165	33135	20.585	ng		91
52) Acenaphthene	9.651	154	119834	21.024	ng		98
53) 3-Nitroaniline	9.581	138	29753	16.863	ng		94
54) 2,4-Dinitrophenol	9.704	184	4145	9.713	ng	#	81
55) Dibenzofuran	9.822	168	181446	20.896	ng		100
56) 4-Nitrophenol	9.763	139	38078	39.140	ng		95
57) 2,4-Dinitrotoluene	9.816	165	39897	19.286	ng	#	98
58) Fluorene	10.163	166	144933	20.303	ng		99
59) 2,3,4,6-Tetrachlorophenol	9.945	232	29558	17.458	ng		96
60) Diethylphthalate	10.045	149	147741	20.179	ng		99
61) 4-Chlorophenyl-phenyle...	10.157	204	68197	21.130	ng		98
62) 4-Nitroaniline	10.192	138	29634	17.591	ng		97
63) Azobenzene	10.316	77	127032	18.421	ng		99
65) 4,6-Dinitro-2-methylph...	10.228	198	5184	4.771	ng		94
66) n-Nitrosodiphenylamine	10.281	169	118500	20.491	ng		98
67) 4-Bromophenyl-phenylether	10.645	248	41577	21.136	ng		98
68) Hexachlorobenzene	10.704	284	47291	21.267	ng		96
69) Atrazine	10.810	200	38554	24.482	ng		98
70) Pentachlorophenol	10.910	266	41008	47.382	ng		97
71) Phenanthrene	11.122	178	222769	23.128	ng		98
72) Anthracene	11.169	178	208620	22.177	ng		100
73) Carbazole	11.333	167	191661	22.833	ng		99
74) Di-n-butylphthalate	11.669	149	218023	21.442	ng		100
75) Fluoranthene	12.304	202	274543	29.656	ng		99
77) Benzidine	12.439	184	73132	16.346	ng		99
78) Pyrene	12.527	202	284800	18.651	ng		100
80) Butylbenzylphthalate	13.157	149	110874	18.883	ng		96
81) Benzo(a)anthracene	13.716	228	265172	22.234	ng		99
82) 3,3'-Dichlorobenzidine	13.686	252	76029	22.060	ng		99
83) Chrysene	13.751	228	247983	21.930	ng		99
84) Bis(2-ethylhexyl)phtha...	13.716	149	160151	22.498	ng		97
85) Di-n-octyl phthalate	14.327	149	269981	24.764	ng		100
87) Indeno(1,2,3-cd)pyrene	16.398	276	172503	15.989	ng		98
88) Benzo(b)fluoranthene	14.721	252	224447	24.591	ng		98
89) Benzo(k)fluoranthene	14.751	252	217805	23.436	ng		98
90) Benzo(a)pyrene	15.051	252	185356	24.400	ng	#	98
91) Dibenzo(a,h)anthracene	16.404	278	145823	16.490	ng		97
92) Benzo(g,h,i)perylene	16.780	276	145408	17.654	ng		95

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

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