Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
Data File : BF130232.D
Acq On : 14 Sep 2022 10:55
Operator : CG\JU
Sample : SSTDICC005
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC005

Quant Time: Sep 14 14:08:43 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 14:08:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.675	152	107305	20.000	ng		0.00
21) Naphthalene-d8	7.957	136	433907	20.000	ng		0.00
39) Acenaphthene-d10	9.710	164	222939	20.000	ng		0.00
64) Phenanthrene-d10	11.186	188	367649	20.000	ng		0.00
76) Chrysene-d12	13.816	240	265940	20.000	ng		0.00
86) Perylene-d12	15.210	264	188675	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.263	112	63906	8.985	ng		-0.01
7) Phenol-d6	6.298	99	81998	9.167	ng		-0.02
23) Nitrobenzene-d5	7.234	82	82438	10.329	ng		-0.02
42) 2,4,6-Tribromophenol	10.486	330	18992	9.124	ng		-0.01
45) 2-Fluorobiphenyl	9.034	172	154343	10.378	ng		0.00
79) Terphenyl-d14	12.769	244	146451	9.206	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.316	88	15425	3.073	ng		96
3) Pyridine	3.022	79	37818	4.399	ng		93
4) n-Nitrosodimethylamine	2.946	42	20012	4.664	ng	#	96
6) Aniline	6.334	93	50185	4.785	ng		97
8) 2-Chlorophenol	6.451	128	36204	4.692	ng		98
9) Benzaldehyde	6.222	77	30412	5.835	ng		98
10) Phenol	6.310	94	47366	4.847	ng		99
11) bis(2-Chloroethyl)ether	6.410	93	34931	4.918	ng		98
12) 1,3-Dichlorobenzene	6.616	146	41098	5.239	ng		99
13) 1,4-Dichlorobenzene	6.692	146	42158	5.210	ng		99
14) 1,2-Dichlorobenzene	6.845	146	40084	5.277	ng		98
15) Benzyl Alcohol	6.816	79	29269	4.846	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.957	45	51995	5.124	ng		98
17) 2-Methylphenol	6.928	107	29963	4.855	ng		97
18) Hexachloroethane	7.187	117	15829	4.789	ng		97
19) n-Nitroso-di-n-propyla...	7.087	70	27711	5.039	ng		97
20) 3+4-Methylphenols	7.081	107	39959	5.000	ng		95
22) Acetophenone	7.087	105	54815	5.498	ng	#	93
24) Nitrobenzene	7.257	77	43374	5.495	ng		99
25) Isophorone	7.498	82	67262	4.936	ng		99
26) 2-Nitrophenol	7.575	139	14926	4.081	ng		97
27) 2,4-Dimethylphenol	7.616	122	25810	4.622	ng		99
28) bis(2-Chloroethoxy)met...	7.716	93	39137	4.983	ng		97
29) 2,4-Dichlorophenol	7.816	162	28414	4.699	ng		96
30) 1,2,4-Trichlorobenzene	7.898	180	31865	4.915	ng		100
31) Naphthalene	7.981	128	115878	5.270	ng		99
33) 4-Chloroaniline	8.034	127	42101	4.683	ng		98
34) Hexachlorobutadiene	8.098	225	19992	5.289	ng		98
35) Caprolactam	8.363	113	7444	3.834	ng		95
36) 4-Chloro-3-methylphenol	8.504	107	31813	4.665	ng		94
37) 2-Methylnaphthalene	8.669	142	73551	5.140	ng		97
38) 1-Methylnaphthalene	8.769	142	69573	4.956	ng		99
40) 1,2,4,5-Tetrachloroben...	8.834	216	30327	4.973	ng		99
41) Hexachlorocyclopentadiene	8.822	237	12544	3.993	ng		95
43) 2,4,6-Trichlorophenol	8.945	196	19649	4.516	ng		91
44) 2,4,5-Trichlorophenol	8.981	196	21465	4.733	ng	#	95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.134	154	84757	4.987	ng		98
47) 2-Chloronaphthalene	9.151	162	67534	4.999	ng		98
48) 2-Nitroaniline	9.251	65	19679	4.360	ng		92
49) Acenaphthylene	9.569	152	103350	4.967	ng		98
50) Dimethylphthalate	9.434	163	78072	5.087	ng		99
51) 2,6-Dinitrotoluene	9.492	165	15003	4.479	ng		99
52) Acenaphthene	9.739	154	65992	5.035	ng		98
53) 3-Nitroaniline	9.657	138	16676	4.332	ng		98
55) Dibenzofuran	9.910	168	97014	5.324	ng		99
56) 4-Nitrophenol	9.810	139	10594	3.651	ng		96
57) 2,4-Dinitrotoluene	9.892	165	17764	4.200	ng	#	96
58) Fluorene	10.251	166	75968	5.203	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.028	232	17479	4.959	ng		99
60) Diethylphthalate	10.133	149	76361	5.120	ng		99
61) 4-Chlorophenyl-phenyle...	10.251	204	33736	5.447	ng		97
62) 4-Nitroaniline	10.263	138	16374	4.227	ng		96
63) Azobenzene	10.404	77	80579	5.396	ng		96
66) n-Nitrosodiphenylamine	10.363	169	61664	4.743	ng		99
67) 4-Bromophenyl-phenylether	10.739	248	19491	4.692	ng		97
68) Hexachlorobenzene	10.792	284	22354	4.911	ng	#	87
69) Atrazine	10.892	200	17552	5.111	ng		96
70) Pentachlorophenol	10.986	266	9338	3.669	ng	#	89
71) Phenanthrene	11.210	178	106879	5.010	ng		100
72) Anthracene	11.257	178	100516	4.871	ng		99
73) Carbazole	11.416	167	92868	4.897	ng		98
74) Di-n-butylphthalate	11.757	149	102670	4.573	ng		99
75) Fluoranthene	12.392	202	102620	4.441	ng		98
77) Benzidine	12.522	184	41812	6.422	ng		98
78) Pyrene	12.616	202	106869	4.498	ng		99
80) Butylbenzylphthalate	13.251	149	34791	3.829	ng		99
81) Benzo(a)anthracene	13.804	228	85898	4.631	ng		99
82) 3,3'-Dichlorobenzidine	13.774	252	21211	3.930	ng		100
83) Chrysene	13.839	228	82261	4.606	ng		97
84) Bis(2-ethylhexyl)phtha...	13.810	149	38780	3.821	ng		99
87) Indeno(1,2,3-cd)pyrene	16.527	276	51794	3.781	ng		98
88) Benzo(b)fluoranthene	14.816	252	60687	4.587	ng		97
89) Benzo(k)fluoranthene	14.839	252	60644	4.876	ng		98
90) Benzo(a)pyrene	15.145	252	46190	4.522	ng		100
91) Dibenzo(a,h)anthracene	16.551	278	42257	3.788	ng		99
92) Benzo(g,h,i)perylene	16.927	276	43131	3.787	ng		96

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

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