Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091123\
Data File : BF135162.D
Acq On : 11 Sep 2023 14:21
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Sep 12 00:10:26 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 00:05:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.763	152	98877	20.000	ng		0.00
21) Naphthalene-d8	8.045	136	399336	20.000	ng		0.00
39) Acenaphthene-d10	9.798	164	207103	20.000	ng		0.00
64) Phenanthrene-d10	11.292	188	405183	20.000	ng		0.00
76) Chrysene-d12	13.945	240	224623	20.000	ng		0.00
86) Perylene-d12	15.404	264	189931	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.387	112	264757	43.550	ng		0.00
7) Phenol-d6	6.398	99	333031	43.082	ng		0.00
23) Nitrobenzene-d5	7.328	82	310912	42.299	ng		0.00
42) 2,4,6-Tribromophenol	10.592	330	92001	44.702	ng		0.00
45) 2-Fluorobiphenyl	9.122	172	607682	44.269	ng		0.00
79) Terphenyl-d14	12.886	244	632622	43.659	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.469	88	56195	21.086	ng		99
3) Pyridine	3.216	79	152555	21.269	ng		96
4) n-Nitrosodimethylamine	3.163	42	80790	21.226	ng		95
6) Aniline	6.428	93	217086	21.415	ng		99
8) 2-Chlorophenol	6.551	128	141403	21.789	ng		93
9) Benzaldehyde	6.316	77	99828	22.669	ng		100
10) Phenol	6.410	94	188632	22.254	ng		91
11) bis(2-Chloroethyl)ether	6.504	93	136442	21.459	ng		98
12) 1,3-Dichlorobenzene	6.704	146	143448	21.750	ng		98
13) 1,4-Dichlorobenzene	6.781	146	146318	21.805	ng		99
14) 1,2-Dichlorobenzene	6.934	146	136249	21.865	ng		98
15) Benzyl Alcohol	6.904	79	122961	22.167	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.039	45	256477	21.400	ng		100
17) 2-Methylphenol	7.022	107	121199	21.163	ng		99
18) Hexachloroethane	7.269	117	52936	21.351	ng		90
19) n-Nitroso-di-n-propyla...	7.175	70	101732	21.247	ng		97
20) 3+4-Methylphenols	7.175	107	151345	21.977	ng	#	89
22) Acetophenone	7.175	105	198907	21.786	ng		97
24) Nitrobenzene	7.345	77	154385	21.251	ng		99
25) Isophorone	7.581	82	284726	21.095	ng		98
26) 2-Nitrophenol	7.663	139	74164	21.270	ng		97
27) 2,4-Dimethylphenol	7.698	122	125692	21.446	ng		98
28) bis(2-Chloroethoxy)met...	7.798	93	171747	21.260	ng		98
29) 2,4-Dichlorophenol	7.904	162	116052	21.369	ng		97
30) 1,2,4-Trichlorobenzene	7.986	180	122412	21.565	ng		99
31) Naphthalene	8.063	128	418242	21.556	ng		100
32) Benzoic acid	7.804	122	89997	20.589	ng		95
33) 4-Chloroaniline	8.116	127	183287	21.531	ng		98
34) Hexachlorobutadiene	8.181	225	73133	21.367	ng		99
35) Caprolactam	8.475	113	38239	20.982	ng		99
36) 4-Chloro-3-methylphenol	8.598	107	128814	21.341	ng		99
37) 2-Methylnaphthalene	8.757	142	279573	21.436	ng		99
38) 1-Methylnaphthalene	8.857	142	262601	21.506	ng		100
40) 1,2,4,5-Tetrachloroben...	8.922	216	131038	21.840	ng		99
41) Hexachlorocyclopentadiene	8.910	237	38817	20.711	ng		98
43) 2,4,6-Trichlorophenol	9.033	196	83102	21.154	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	96642	21.362	ng		99
46) 1,1'-Biphenyl	9.222	154	346171	21.750	ng		99
47) 2-Chloronaphthalene	9.245	162	251894	21.813	ng		100
48) 2-Nitroaniline	9.345	65	96429	21.494	ng		96
49) Acenaphthylene	9.663	152	423651	22.075	ng		99
50) Dimethylphthalate	9.527	163	303903	21.704	ng		99
51) 2,6-Dinitrotoluene	9.592	165	64341	20.975	ng	#	82
52) Acenaphthene	9.833	154	247625	21.842	ng		98
53) 3-Nitroaniline	9.757	138	77618	21.557	ng		98
54) 2,4-Dinitrophenol	9.869	184	25934	19.977	ng		94
55) Dibenzofuran	10.004	168	385837	22.302	ng		99
56) 4-Nitrophenol	9.922	139	49034	21.427	ng		97
57) 2,4-Dinitrotoluene	9.998	165	84926	22.115	ng	#	94
58) Fluorene	10.351	166	292653	22.004	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	73765	21.196	ng		99
60) Diethylphthalate	10.227	149	306335	21.799	ng		98
61) 4-Chlorophenyl-phenyle...	10.345	204	142003	22.227	ng		93
62) 4-Nitroaniline	10.369	138	74615	21.558	ng		96
63) Azobenzene	10.504	77	296829	21.583	ng		98
65) 4,6-Dinitro-2-methylph...	10.404	198	42188	19.604	ng		98
66) n-Nitrosodiphenylamine	10.463	169	264282	21.545	ng		99
67) 4-Bromophenyl-phenylether	10.833	248	88131	21.870	ng		95
68) Hexachlorobenzene	10.898	284	89115	21.706	ng	#	93
69) Atrazine	10.992	200	71945	21.797	ng		97
70) Pentachlorophenol	11.098	266	52964	21.615	ng		96
71) Phenanthrene	11.316	178	422016	22.022	ng		100
72) Anthracene	11.369	178	434530	22.060	ng		98
73) Carbazole	11.527	167	392777	21.904	ng		98
74) Di-n-butylphthalate	11.863	149	464953	22.005	ng		99
75) Fluoranthene	12.510	202	446591	22.365	ng		98
77) Benzidine	12.633	184	95462	20.744	ng		99
78) Pyrene	12.739	202	455636	21.306	ng		98
80) Butylbenzylphthalate	13.368	149	157562	20.926	ng		100
81) Benzo(a)anthracene	13.933	228	311803	21.497	ng		99
82) 3,3'-Dichlorobenzidine	13.898	252	98480	21.737	ng	#	98
83) Chrysene	13.968	228	303064	21.016	ng		100
84) Bis(2-ethylhexyl)phtha...	13.933	149	159074	20.588	ng		98
85) Di-n-octyl phthalate	14.551	149	236181	19.234	ng		99
87) Indeno(1,2,3-cd)pyrene	16.874	276	264286	21.222	ng		100
88) Benzo(b)fluoranthene	14.980	252	220353	21.432	ng		99
89) Benzo(k)fluoranthene	15.009	252	223131	21.969	ng		99
90) Benzo(a)pyrene	15.345	252	207917	21.205	ng		98
91) Dibenzo(a,h)anthracene	16.892	278	219838	21.575	ng		99
92) Benzo(g,h,i)perylene	17.321	276	223751	21.026	ng		99

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

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