Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
Data File : BF130801.D
Acq On : 27 Oct 2022 16:24
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Oct 28 03:14:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 28 03:09:18 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.951	152	107222	20.000	ng		0.00
21) Naphthalene-d8	8.240	136	417416	20.000	ng		0.00
39) Acenaphthene-d10	9.998	164	224808	20.000	ng		0.00
64) Phenanthrene-d10	11.492	188	423587	20.000	ng		0.00
76) Chrysene-d12	14.139	240	331539	20.000	ng		0.00
86) Perylene-d12	15.657	264	253795	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.557	112	128646	20.810	ng		0.00
7) Phenol-d6	6.557	99	166527	21.529	ng		-0.01
23) Nitrobenzene-d5	7.510	82	122798	15.030	ng		-0.01
42) 2,4,6-Tribromophenol	10.786	330	35904	16.668	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	311841	20.199	ng		0.00
79) Terphenyl-d14	13.080	244	339329	16.954	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.781	88	28948	10.196	ng		93
3) Pyridine	3.546	79	77297	10.437	ng		97
4) n-Nitrosodimethylamine	3.493	42	42315	10.505	ng	#	96
6) Aniline	6.610	93	101474	10.647	ng		99
8) 2-Chlorophenol	6.734	128	72676	10.320	ng		95
9) Benzaldehyde	6.504	77	58838	11.356	ng		96
10) Phenol	6.569	94	90071	9.937	ng		96
11) bis(2-Chloroethyl)ether	6.681	93	70626	10.802	ng		98
12) 1,3-Dichlorobenzene	6.893	146	84215	10.869	ng		98
13) 1,4-Dichlorobenzene	6.969	146	84937	10.749	ng		98
14) 1,2-Dichlorobenzene	7.122	146	79834	10.816	ng		98
15) Benzyl Alcohol	7.081	79	70955	11.570	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.228	45	124318	13.037	ng		99
17) 2-Methylphenol	7.187	107	60744	10.611	ng		97
18) Hexachloroethane	7.469	117	29551	9.488	ng		99
19) n-Nitroso-di-n-propyla...	7.357	70	55343	10.603	ng		96
20) 3+4-Methylphenols	7.340	107	81216	10.921	ng		92
22) Acetophenone	7.357	105	103736	10.165	ng	#	99
24) Nitrobenzene	7.534	77	67225	8.103	ng		96
25) Isophorone	7.769	82	139093	10.562	ng		97
26) 2-Nitrophenol	7.851	139	18560	5.457	ng		97
27) 2,4-Dimethylphenol	7.875	122	59950	11.449	ng		96
28) bis(2-Chloroethoxy)met...	7.981	93	78292	10.558	ng		100
29) 2,4-Dichlorophenol	8.081	162	59834	10.427	ng		98
30) 1,2,4-Trichlorobenzene	8.175	180	67525	10.884	ng		98
31) Naphthalene	8.263	128	223483	10.392	ng		98
32) Benzoic acid	7.934	122	21699	5.358	ng		98
33) 4-Chloroaniline	8.304	127	87587	10.709	ng		96
34) Hexachlorobutadiene	8.375	225	43904	11.073	ng		94
35) Caprolactam	8.640	113	18765	11.407	ng		89
36) 4-Chloro-3-methylphenol	8.769	107	64936	10.209	ng		99
37) 2-Methylnaphthalene	8.951	142	140769	10.267	ng		100
38) 1-Methylnaphthalene	9.051	142	136503	10.363	ng		99
40) 1,2,4,5-Tetrachloroben...	9.116	216	65785	10.723	ng		100
41) Hexachlorocyclopentadiene	9.104	237	30169	9.185	ng		99
43) 2,4,6-Trichlorophenol	9.222	196	43689	10.204	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.257	196	46304	10.021	ng		97
46) 1,1'-Biphenyl	9.416	154	169930	10.121	ng		99
47) 2-Chloronaphthalene	9.439	162	134218	9.882	ng		98
48) 2-Nitroaniline	9.534	65	25539	5.638	ng		92
49) Acenaphthylene	9.857	152	211477	10.385	ng		99
50) Dimethylphthalate	9.710	163	157462	10.140	ng		99
51) 2,6-Dinitrotoluene	9.775	165	20795	6.403	ng		89
52) Acenaphthene	10.034	154	129109	9.650	ng		98
53) 3-Nitroaniline	9.945	138	25173	6.956	ng	#	81
54) 2,4-Dinitrophenol	10.045	184	5790	3.890	ng	#	76
55) Dibenzofuran	10.204	168	191368	10.283	ng		96
56) 4-Nitrophenol	10.081	139	19465	7.385	ng		93
57) 2,4-Dinitrotoluene	10.175	165	23271	5.607	ng	#	97
58) Fluorene	10.545	166	150796	9.908	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.316	232	38378	10.612	ng		97
60) Diethylphthalate	10.416	149	153621	9.865	ng		98
61) 4-Chlorophenyl-phenyle...	10.539	204	71813	10.756	ng		97
62) 4-Nitroaniline	10.551	138	24993	6.875	ng		95
63) Azobenzene	10.698	77	160469	10.007	ng		98
65) 4,6-Dinitro-2-methylph...	10.581	198	8550	3.626	ng		92
66) n-Nitrosodiphenylamine	10.657	169	136631	9.653	ng		98
67) 4-Bromophenyl-phenylether	11.033	248	41928	8.973	ng		95
68) Hexachlorobenzene	11.092	284	47937	9.050	ng		97
69) Atrazine	11.181	200	41006	9.913	ng		94
70) Pentachlorophenol	11.281	266	24615	8.659	ng		98
71) Phenanthrene	11.516	178	231609	9.739	ng		99
72) Anthracene	11.563	178	224808	9.796	ng		98
73) Carbazole	11.716	167	204708	9.883	ng		98
74) Di-n-butylphthalate	12.051	149	240786	9.641	ng		99
75) Fluoranthene	12.704	202	254421	11.071	ng		98
77) Benzidine	12.827	184	113098	11.751	ng		98
78) Pyrene	12.933	202	257543	8.880	ng		98
80) Butylbenzylphthalate	13.557	149	90906	8.461	ng		93
81) Benzo(a)anthracene	14.127	228	223240	10.122	ng		99
82) 3,3'-Dichlorobenzidine	14.086	252	64674	10.772	ng		93
83) Chrysene	14.163	228	215715	10.301	ng		99
84) Bis(2-ethylhexyl)phtha...	14.116	149	118725	9.647	ng		99
85) Di-n-octyl phthalate	14.739	149	158356	8.413	ng		100
87) Indeno(1,2,3-cd)pyrene	17.198	276	133877	7.439	ng		100
88) Benzo(b)fluoranthene	15.204	252	173939	10.500	ng		99
89) Benzo(k)fluoranthene	15.233	252	154744	9.496	ng		99
90) Benzo(a)pyrene	15.586	252	127965	9.751	ng		98
91) Dibenzo(a,h)anthracene	17.227	278	109392	7.409	ng		99
92) Benzo(g,h,i)perylene	17.668	276	107242	7.211	ng		96

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

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