Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112122\
Data File : BF131311.D
Acq On : 21 Nov 2022 12:23
Operator : CG\JU
Sample : SSTDICC010
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Quant Time: Nov 22 00:40:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 22 00:36:43 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.963	152	110701	20.000	ng		0.00
21) Naphthalene-d8	8.257	136	395497	20.000	ng		0.00
39) Acenaphthene-d10	10.022	164	225877	20.000	ng		0.00
64) Phenanthrene-d10	11.516	188	429126	20.000	ng		0.00
76) Chrysene-d12	14.174	240	321119	20.000	ng		0.00
86) Perylene-d12	15.715	264	232944	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.563	112	120815	19.976	ng		0.00
7) Phenol-d6	6.569	99	155244	20.247	ng		-0.02
23) Nitrobenzene-d5	7.528	82	158776	21.445	ng		-0.01
42) 2,4,6-Tribromophenol	10.810	330	33766	16.793	ng		0.00
45) 2-Fluorobiphenyl	9.333	172	349110	22.075	ng		0.00
79) Terphenyl-d14	13.110	244	394067	18.343	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.769	88	29582	10.579	ng		99
3) Pyridine	3.540	79	79175	10.162	ng		95
4) n-Nitrosodimethylamine	3.487	42	45342	9.379	ng	#	93
6) Aniline	6.622	93	98625	10.278	ng		99
8) 2-Chlorophenol	6.745	128	67330	10.057	ng		96
9) Benzaldehyde	6.516	77	60349	10.842	ng		96
10) Phenol	6.581	94	86817	10.230	ng		98
11) bis(2-Chloroethyl)ether	6.692	93	72335	10.590	ng		97
12) 1,3-Dichlorobenzene	6.904	146	85775	10.770	ng		97
13) 1,4-Dichlorobenzene	6.981	146	86013	10.621	ng		99
14) 1,2-Dichlorobenzene	7.134	146	81988	10.877	ng		98
15) Benzyl Alcohol	7.098	79	59623	9.130	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.239	45	141837	10.967	ng		98
17) 2-Methylphenol	7.204	107	57976	9.905	ng		96
18) Hexachloroethane	7.481	117	28504	9.899	ng		95
19) n-Nitroso-di-n-propyla...	7.369	70	56091	10.171	ng		96
20) 3+4-Methylphenols	7.357	107	74871	10.016	ng		92
22) Acetophenone	7.369	105	108961	10.426	ng	#	98
24) Nitrobenzene	7.545	77	83909	11.197	ng		98
25) Isophorone	7.781	82	142272	10.065	ng		99
26) 2-Nitrophenol	7.863	139	17520	7.381	ng		91
27) 2,4-Dimethylphenol	7.892	122	52280	9.407	ng		99
28) bis(2-Chloroethoxy)met...	7.998	93	81777	10.357	ng		100
29) 2,4-Dichlorophenol	8.104	162	56491	9.492	ng		96
30) 1,2,4-Trichlorobenzene	8.192	180	78432	10.614	ng		97
31) Naphthalene	8.275	128	227015	10.585	ng		99
32) Benzoic acid	7.957	122	18149	5.459	ng		94
33) 4-Chloroaniline	8.322	127	89176	10.705	ng		96
34) Hexachlorobutadiene	8.392	225	49792	10.197	ng		98
35) Caprolactam	8.663	113	13703	8.269	ng		97
36) 4-Chloro-3-methylphenol	8.792	107	58355	9.097	ng		98
37) 2-Methylnaphthalene	8.969	142	155251	10.741	ng		98
38) 1-Methylnaphthalene	9.069	142	150085	10.716	ng		99
40) 1,2,4,5-Tetrachloroben...	9.133	216	78567	10.631	ng		99
41) Hexachlorocyclopentadiene	9.122	237	28734	8.987	ng		96
43) 2,4,6-Trichlorophenol	9.245	196	38366	8.731	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.280	196	44167	9.225	ng		98
46) 1,1'-Biphenyl	9.433	154	188524	10.809	ng		98
47) 2-Chloronaphthalene	9.463	162	150404	10.740	ng		99
48) 2-Nitroaniline	9.551	65	36593	9.453	ng		95
49) Acenaphthylene	9.880	152	229641	10.735	ng		100
50) Dimethylphthalate	9.733	163	167925	10.267	ng		97
51) 2,6-Dinitrotoluene	9.798	165	31076	11.567	ng	#	84
52) Acenaphthene	10.051	154	142091	10.646	ng		98
53) 3-Nitroaniline	9.963	138	33152	11.659	ng		88
54) 2,4-Dinitrophenol	10.069	184	6077	6.421	ng	#	83
55) Dibenzofuran	10.227	168	212120	10.959	ng		97
56) 4-Nitrophenol	10.104	139	20109	9.398	ng		97
57) 2,4-Dinitrotoluene	10.198	165	37860	11.654	ng		96
58) Fluorene	10.569	166	166548	10.835	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.339	232	36362	8.966	ng		98
60) Diethylphthalate	10.439	149	157446	10.090	ng		99
61) 4-Chlorophenyl-phenyle...	10.563	204	83792	10.753	ng		99
62) 4-Nitroaniline	10.575	138	33726	11.675	ng		95
63) Azobenzene	10.722	77	175236	10.813	ng		99
65) 4,6-Dinitro-2-methylph...	10.604	198	10107	6.794	ng		90
66) n-Nitrosodiphenylamine	10.680	169	142941	10.337	ng		98
67) 4-Bromophenyl-phenylether	11.057	248	54945	10.671	ng		98
68) Hexachlorobenzene	11.116	284	57628	10.315	ng		99
69) Atrazine	11.204	200	42991	9.745	ng		100
70) Pentachlorophenol	11.310	266	20985	7.031	ng		98
71) Phenanthrene	11.539	178	253905	10.700	ng		99
72) Anthracene	11.592	178	248784	10.721	ng		100
73) Carbazole	11.745	167	211291	10.832	ng		99
74) Di-n-butylphthalate	12.074	149	224645	9.538	ng		99
75) Fluoranthene	12.733	202	273281	11.098	ng		99
77) Benzidine	12.857	184	60447	8.322	ng		100
78) Pyrene	12.968	202	279644	9.051	ng		99
80) Butylbenzylphthalate	13.586	149	61229	6.551	ng		94
81) Benzo(a)anthracene	14.163	228	226396	10.000	ng		99
82) 3,3'-Dichlorobenzidine	14.121	252	59172	9.845	ng		96
83) Chrysene	14.198	228	221256	10.219	ng		98
84) Bis(2-ethylhexyl)phtha...	14.151	149	83518	7.677	ng		98
85) Di-n-octyl phthalate	14.780	149	98465	6.376	ng		97
87) Indeno(1,2,3-cd)pyrene	17.286	276	136859	7.747	ng		98
88) Benzo(b)fluoranthene	15.251	252	160607	10.244	ng		98
89) Benzo(k)fluoranthene	15.280	252	170008	10.609	ng		99
90) Benzo(a)pyrene	15.645	252	123988	9.632	ng	#	96
91) Dibenzo(a,h)anthracene	17.309	278	115372	7.936	ng		97
92) Benzo(g,h,i)perylene	17.762	276	112644	7.664	ng		96

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

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