Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF010322\
Data File : BF126446.D
Acq On : 3 Jan 2022 9:40
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Jan 03 11:06:49 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 30 04:30:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.798	152	146816	20.000	ng		0.00
21) Naphthalene-d8	8.081	136	616069	20.000	ng		0.00
39) Acenaphthene-d10	9.839	164	266274	20.000	ng		0.00
64) Phenanthrene-d10	11.322	188	444264	20.000	ng		0.00
76) Chrysene-d12	13.957	240	229703	20.000	ng		0.00
86) Perylene-d12	15.398	264	241491	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.410	112	821267	80.331	ng		0.00
7) Phenol-d6	6.434	99	1051121	79.380	ng		0.00
23) Nitrobenzene-d5	7.363	82	922405	76.878	ng		0.00
42) 2,4,6-Tribromophenol	10.628	330	184297	89.568	ng		0.00
45) 2-Fluorobiphenyl	9.163	172	1136185	75.087	ng		0.00
79) Terphenyl-d14	12.910	244	925542	78.287	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.510	88	228389	44.548	ng		98
3) Pyridine	3.234	79	605820	43.808	ng		100
4) n-Nitrosodimethylamine	3.181	42	227937	40.090	ng		99
6) Aniline	6.463	93	663764	40.312	ng		96
8) 2-Chlorophenol	6.587	128	413961	40.602	ng		93
9) Benzaldehyde	6.346	77	299482	36.534	ng		96
10) Phenol	6.445	94	593712	40.178	ng		97
11) bis(2-Chloroethyl)ether	6.534	93	440969	39.081	ng		98
12) 1,3-Dichlorobenzene	6.740	146	411235	40.363	ng		99
13) 1,4-Dichlorobenzene	6.816	146	410397	40.355	ng		100
14) 1,2-Dichlorobenzene	6.969	146	392901	39.651	ng		98
15) Benzyl Alcohol	6.940	79	381807	41.211	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.075	45	694626	39.198	ng		99
17) 2-Methylphenol	7.057	107	364303	40.621	ng		98
18) Hexachloroethane	7.310	117	164213	40.528	ng		97
19) n-Nitroso-di-n-propyla...	7.216	70	281707	37.282	ng		99
20) 3+4-Methylphenols	7.210	107	404848	37.917	ng	#	87
22) Acetophenone	7.210	105	528750	37.125	ng		96
24) Nitrobenzene	7.381	77	468662	39.034	ng		99
25) Isophorone	7.622	82	798273	37.166	ng		100
26) 2-Nitrophenol	7.698	139	210792	39.604	ng		99
27) 2,4-Dimethylphenol	7.740	122	322945	38.804	ng		97
28) bis(2-Chloroethoxy)met...	7.834	93	530455	37.805	ng		99
29) 2,4-Dichlorophenol	7.940	162	295071	38.829	ng		98
30) 1,2,4-Trichlorobenzene	8.022	180	300489	37.940	ng		99
31) Naphthalene	8.104	128	1152502	39.634	ng		100
32) Benzoic acid	7.863	122	261785	44.043	ng		96
33) 4-Chloroaniline	8.151	127	495937	40.711	ng		99
34) Hexachlorobutadiene	8.222	225	150356	39.059	ng		95
35) Caprolactam	8.516	113	79313	41.026	ng		96
36) 4-Chloro-3-methylphenol	8.634	107	357938	38.595	ng		100
37) 2-Methylnaphthalene	8.798	142	679084	39.588	ng		99
38) 1-Methylnaphthalene	8.892	142	636379	38.372	ng		100
40) 1,2,4,5-Tetrachloroben...	8.963	216	237593	41.063	ng		98
41) Hexachlorocyclopentadiene	8.951	237	97324	41.313	ng		98
43) 2,4,6-Trichlorophenol	9.075	196	179559	41.962	ng		96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	197789	42.942	ng	97
46) 1,1'-Biphenyl	9.263	154	809536	41.452	ng	100
47) 2-Chloronaphthalene	9.286	162	618024	41.780	ng	99
48) 2-Nitroaniline	9.381	65	245270	41.061	ng	89
49) Acenaphthylene	9.698	152	925613	41.258	ng	99
50) Dimethylphthalate	9.563	163	694278	41.766	ng	100
51) 2,6-Dinitrotoluene	9.622	165	154062	42.915	ng	99
52) Acenaphthene	9.875	154	599581	40.765	ng	99
53) 3-Nitroaniline	9.792	138	205393	41.729	ng	90
54) 2,4-Dinitrophenol	9.892	184	69966	40.031	ng	95
55) Dibenzofuran	10.045	168	799046	40.187	ng	99
56) 4-Nitrophenol	9.951	139	157646	45.034	ng	90
57) 2,4-Dinitrotoluene	10.022	165	197994	42.749	ng	98
58) Fluorene	10.386	166	571586	40.658	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.163	232	143075	43.279	ng	96
60) Diethylphthalate	10.263	149	654021	40.824	ng	98
61) 4-Chlorophenyl-phenyle...	10.381	204	247608	40.360	ng	93
62) 4-Nitroaniline	10.404	138	199930	43.128	ng	94
63) Azobenzene	10.539	77	801253	38.829	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	103330	42.950	ng	93
66) n-Nitrosodiphenylamine	10.498	169	533485	38.705	ng	99
67) 4-Bromophenyl-phenylether	10.869	248	154694	39.230	ng	97
68) Hexachlorobenzene	10.933	284	180642	39.383	ng	97
69) Atrazine	11.022	200	101182	42.632	ng	98
70) Pentachlorophenol	11.128	266	98454	44.163	ng	98
71) Phenanthrene	11.345	178	897960	39.535	ng	100
72) Anthracene	11.398	178	902371	39.705	ng	99
73) Carbazole	11.551	167	888305	39.916	ng	100
74) Di-n-butylphthalate	11.886	149	991516	39.134	ng	99
75) Fluoranthene	12.533	202	792762	38.242	ng	98
77) Benzidine	12.651	184	164672	42.545	ng	99
78) Pyrene	12.763	202	804484	41.442	ng	100
80) Butylbenzylphthalate	13.380	149	349484	40.629	ng	95
81) Benzo(a)anthracene	13.951	228	542597	41.075	ng	100
82) 3,3'-Dichlorobenzidine	13.910	252	261647	42.455	ng	99
83) Chrysene	13.986	228	556480	41.068	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	364947	40.939	ng	100
85) Di-n-octyl phthalate	14.557	149	730731	47.265	ng	98
87) Indeno(1,2,3-cd)pyrene	16.821	276	686255	42.462	ng	98
88) Benzo(b)fluoranthene	14.986	252	571168	39.703	ng	98
89) Benzo(k)fluoranthene	15.016	252	552097	39.617	ng	99
90) Benzo(a)pyrene	15.339	252	501402	41.567	ng	99
91) Dibenzo(a,h)anthracene	16.845	278	559332	42.890	ng	98
92) Benzo(g,h,i)perylene	17.257	276	586221	42.214	ng	100

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

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