Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022122\
Data File : BF126975.D
Acq On : 21 Feb 2022 15:57
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Quant Time: Feb 21 17:00:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 21 13:16:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	95847	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	373066	20.000	ng	#	0.00
39) Acenaphthene-d10	9.963	164	192709	20.000	ng		0.00
64) Phenanthrene-d10	11.451	188	347276	20.000	ng	#	0.00
76) Chrysene-d12	14.098	240	247040	20.000	ng	#	0.00
86) Perylene-d12	15.586	264	182456	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	486913	78.517	ng		0.00
7) Phenol-d6	6.546	99	655749	78.365	ng		0.00
23) Nitrobenzene-d5	7.487	82	655185	79.271	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	188682	85.039	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	1027361	78.483	ng		0.00
79) Terphenyl-d14	13.039	244	1234947	73.487	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	113388	39.958	ng		97
3) Pyridine	3.499	79	293954	39.493	ng		90
4) n-Nitrosodimethylamine	3.469	42	145290	39.848	ng	#	73
6) Aniline	6.587	93	386559	38.989	ng		96
8) 2-Chlorophenol	6.704	128	260894	39.210	ng		98
9) Benzaldehyde	6.475	77	173580	34.078	ng		97
10) Phenol	6.557	94	328576	38.861	ng		82
11) bis(2-Chloroethyl)ether	6.657	93	251564	37.934	ng		96
12) 1,3-Dichlorobenzene	6.863	146	282046	39.295	ng		98
13) 1,4-Dichlorobenzene	6.940	146	288032	39.583	ng		98
14) 1,2-Dichlorobenzene	7.093	146	272224	39.230	ng		99
15) Benzyl Alcohol	7.063	79	276271	39.190	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.193	45	374545	35.867	ng		96
17) 2-Methylphenol	7.169	107	225391	39.152	ng		93
18) Hexachloroethane	7.434	117	110756	39.709	ng		94
19) n-Nitroso-di-n-propyla...	7.334	70	202851	37.621	ng		99
20) 3+4-Methylphenols	7.322	107	293205	39.223	ng	#	84
22) Acetophenone	7.334	105	388345	39.536	ng	#	94
24) Nitrobenzene	7.504	77	306776	39.291	ng		95
25) Isophorone	7.745	82	521746	38.149	ng	#	96
26) 2-Nitrophenol	7.822	139	134985	40.605	ng	#	82
27) 2,4-Dimethylphenol	7.851	122	216053	39.562	ng		90
28) bis(2-Chloroethoxy)met...	7.951	93	318828	38.453	ng		99
29) 2,4-Dichlorophenol	8.057	162	203236	39.583	ng		98
30) 1,2,4-Trichlorobenzene	8.145	180	229137	39.918	ng		99
31) Naphthalene	8.228	128	766094	39.338	ng		99
32) Benzoic acid	7.963	122	159972	41.304	ng	#	81
33) 4-Chloroaniline	8.275	127	299891	39.123	ng		98
34) Hexachlorobutadiene	8.340	225	135653	40.479	ng		98
35) Caprolactam	8.651	113	70633	39.394	ng		94
36) 4-Chloro-3-methylphenol	8.751	107	263679	40.183	ng		98
37) 2-Methylnaphthalene	8.916	142	496242	39.270	ng		98
38) 1-Methylnaphthalene	9.016	142	474497	39.212	ng		99
40) 1,2,4,5-Tetrachloroben...	9.081	216	204191	40.252	ng		98
41) Hexachlorocyclopentadiene	9.063	237	110233	40.066	ng		95
43) 2,4,6-Trichlorophenol	9.192	196	150255	40.385	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.234	196	156479	39.967	ng		93
46) 1,1'-Biphenyl	9.381	154	603980	39.559	ng		98
47) 2-Chloronaphthalene	9.410	162	443041	39.130	ng		96
48) 2-Nitroaniline	9.504	65	177410	39.708	ng		98
49) Acenaphthylene	9.828	152	730298	39.709	ng		98
50) Dimethylphthalate	9.681	163	534878	38.831	ng		99
51) 2,6-Dinitrotoluene	9.745	165	111503	39.787	ng	#	84
52) Acenaphthene	9.998	154	477027	39.883	ng		96
53) 3-Nitroaniline	9.916	138	135477	39.547	ng		99
54) 2,4-Dinitrophenol	10.016	184	66603	44.901	ng	#	84
55) Dibenzofuran	10.169	168	648154	39.409	ng		91
56) 4-Nitrophenol	10.069	139	106140	41.950	ng	#	86
57) 2,4-Dinitrotoluene	10.145	165	153702	40.563	ng	#	93
58) Fluorene	10.510	166	508673	39.705	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.281	232	126964	40.904	ng		96
60) Diethylphthalate	10.381	149	569628	39.576	ng		99
61) 4-Chlorophenyl-phenyle...	10.504	204	241177	39.924	ng		96
62) 4-Nitroaniline	10.534	138	140773	41.614	ng	#	77
63) Azobenzene	10.663	77	618706	38.604	ng		93
65) 4,6-Dinitro-2-methylph...	10.557	198	89904	44.060	ng		94
66) n-Nitrosodiphenylamine	10.622	169	442753	38.881	ng		99
67) 4-Bromophenyl-phenylether	10.992	248	153671	39.605	ng		94
68) Hexachlorobenzene	11.057	284	163772	39.207	ng	#	94
69) Atrazine	11.145	200	142286	40.287	ng		98
70) Pentachlorophenol	11.251	266	100791	44.203	ng		98
71) Phenanthrene	11.475	178	766177	39.417	ng		100
72) Anthracene	11.528	178	768200	39.699	ng		99
73) Carbazole	11.680	167	716015	40.349	ng		98
74) Di-n-butylphthalate	12.004	149	892706	39.131	ng		98
75) Fluoranthene	12.669	202	764462	41.420	ng		94
77) Benzidine	12.786	184	284400	42.363	ng		98
78) Pyrene	12.898	202	764626	35.626	ng		99
80) Butylbenzylphthalate	13.510	149	379420	37.342	ng	#	86
81) Benzo(a)anthracene	14.086	228	660332	39.649	ng		100
82) 3,3'-Dichlorobenzidine	14.045	252	217593	41.457	ng	#	97
83) Chrysene	14.121	228	623998	39.843	ng		100
84) Bis(2-ethylhexyl)phtha...	14.063	149	509510	38.195	ng	#	95
85) Di-n-octyl phthalate	14.680	149	757756	39.453	ng		97
87) Indeno(1,2,3-cd)pyrene	17.115	276	441167	36.875	ng	#	86
88) Benzo(b)fluoranthene	15.145	252	502638	41.017	ng	#	95
89) Benzo(k)fluoranthene	15.180	252	497276	42.072	ng	#	94
90) Benzo(a)pyrene	15.527	252	380698	39.772	ng	#	94
91) Dibenzo(a,h)anthracene	17.139	278	363674	36.754	ng	#	91
92) Benzo(g,h,i)perylene	17.586	276	351990	36.084	ng	#	85

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

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