Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF021622\
Data File : BF126920.D
Acq On : 16 Feb 2022 19:02
Operator : CG\JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Quant Time: Feb 17 01:09:00 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 16 14:55:48 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.934	152	120661	20.000	ng		0.00
21) Naphthalene-d8	8.216	136	479124	20.000	ng	#	0.00
39) Acenaphthene-d10	9.975	164	242694	20.000	ng		0.00
64) Phenanthrene-d10	11.463	188	426104	20.000	ng	#	0.00
76) Chrysene-d12	14.110	240	244967	20.000	ng	#	0.00
86) Perylene-d12	15.610	264	193290	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	587647	75.273	ng		0.00
7) Phenol-d6	6.557	99	808179	76.719	ng		0.00
23) Nitrobenzene-d5	7.498	82	816222	76.895	ng		0.00
42) 2,4,6-Tribromophenol	10.763	330	221546	79.285	ng		0.00
45) 2-Fluorobiphenyl	9.292	172	1250316	75.843	ng		0.00
79) Terphenyl-d14	13.051	244	1329332	79.773	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.746	88	137407	38.464	ng		96
3) Pyridine	3.516	79	359850	38.404	ng		91
4) n-Nitrosodimethylamine	3.487	42	176508	38.454	ng	#	73
6) Aniline	6.598	93	489247	39.198	ng		96
8) 2-Chlorophenol	6.716	128	321311	38.359	ng		99
9) Benzaldehyde	6.487	77	227234	35.437	ng		98
10) Phenol	6.569	94	406102	38.153	ng		85
11) bis(2-Chloroethyl)ether	6.669	93	322726	38.657	ng		98
12) 1,3-Dichlorobenzene	6.875	146	343908	38.060	ng		99
13) 1,4-Dichlorobenzene	6.951	146	349367	38.138	ng		97
14) 1,2-Dichlorobenzene	7.104	146	331769	37.978	ng		98
15) Benzyl Alcohol	7.075	79	346486	39.043	ng		95
16) 2,2'-oxybis(1-Chloropr...	7.204	45	498276	37.903	ng		97
17) 2-Methylphenol	7.175	107	282087	38.924	ng		94
18) Hexachloroethane	7.445	117	135233	38.513	ng		93
19) n-Nitroso-di-n-propyla...	7.345	70	260162	38.327	ng		96
20) 3+4-Methylphenols	7.334	107	365194	38.806	ng	#	84
22) Acetophenone	7.345	105	477086	37.819	ng	#	94
24) Nitrobenzene	7.516	77	384422	38.337	ng		94
25) Isophorone	7.757	82	672999	38.315	ng	#	97
26) 2-Nitrophenol	7.834	139	170203	39.866	ng	#	87
27) 2,4-Dimethylphenol	7.863	122	269185	38.380	ng		92
28) bis(2-Chloroethoxy)met...	7.963	93	410076	38.510	ng		98
29) 2,4-Dichlorophenol	8.069	162	257348	39.027	ng		99
30) 1,2,4-Trichlorobenzene	8.157	180	279530	37.917	ng		98
31) Naphthalene	8.239	128	957775	38.294	ng		99
32) Benzoic acid	7.981	122	203937	41.000	ng		86
33) 4-Chloroaniline	8.286	127	376650	38.260	ng		97
34) Hexachlorobutadiene	8.351	225	166786	38.752	ng		98
35) Caprolactam	8.663	113	90351	39.237	ng		96
36) 4-Chloro-3-methylphenol	8.757	107	327867	38.905	ng		92
37) 2-Methylnaphthalene	8.928	142	623324	38.408	ng		98
38) 1-Methylnaphthalene	9.028	142	602067	38.740	ng		98
40) 1,2,4,5-Tetrachloroben...	9.092	216	250486	39.208	ng		98
41) Hexachlorocyclopentadiene	9.075	237	143041	41.283	ng		95
43) 2,4,6-Trichlorophenol	9.204	196	183195	39.097	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.239	196	189887	38.511	ng		95
46) 1,1'-Biphenyl	9.392	154	742196	38.599	ng		98
47) 2-Chloronaphthalene	9.422	162	546450	38.323	ng		94
48) 2-Nitroaniline	9.516	65	220969	39.271	ng		98
49) Acenaphthylene	9.839	152	903039	38.988	ng		98
50) Dimethylphthalate	9.692	163	666248	38.406	ng		99
51) 2,6-Dinitrotoluene	9.757	165	141615	40.124	ng		90
52) Acenaphthene	10.010	154	585907	38.897	ng		97
53) 3-Nitroaniline	9.928	138	170302	39.474	ng		99
54) 2,4-Dinitrophenol	10.028	184	79287	42.443	ng	#	84
55) Dibenzofuran	10.180	168	807692	38.995	ng		92
56) 4-Nitrophenol	10.075	139	125877	39.504	ng	#	73
57) 2,4-Dinitrotoluene	10.163	165	191066	40.039	ng	#	88
58) Fluorene	10.522	166	616882	38.235	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.292	232	154983	39.648	ng		96
60) Diethylphthalate	10.392	149	703019	38.784	ng		99
61) 4-Chlorophenyl-phenyle...	10.516	204	292774	38.483	ng		98
62) 4-Nitroaniline	10.545	138	164236	38.550	ng	#	83
63) Azobenzene	10.675	77	776498	38.470	ng		94
65) 4,6-Dinitro-2-methylph...	10.569	198	104352	41.680	ng		92
66) n-Nitrosodiphenylamine	10.633	169	535957	38.359	ng		99
67) 4-Bromophenyl-phenylether	11.004	248	185337	38.929	ng		92
68) Hexachlorobenzene	11.069	284	196452	38.330	ng		96
69) Atrazine	11.157	200	167947	38.755	ng		98
70) Pentachlorophenol	11.263	266	114429	40.900	ng		98
71) Phenanthrene	11.492	178	905462	37.965	ng		99
72) Anthracene	11.539	178	907539	38.224	ng		99
73) Carbazole	11.692	167	823884	37.839	ng		98
74) Di-n-butylphthalate	12.016	149	1070318	38.237	ng		99
75) Fluoranthene	12.680	202	854939	37.753	ng		95
77) Benzidine	12.798	184	274281	41.201	ng		98
78) Pyrene	12.910	202	853876	40.121	ng		99
80) Butylbenzylphthalate	13.521	149	405415	40.238	ng		90
81) Benzo(a)anthracene	14.098	228	651107	39.426	ng		99
82) 3,3'-Dichlorobenzidine	14.057	252	206875	39.748	ng	#	95
83) Chrysene	14.133	228	609381	39.239	ng		99
84) Bis(2-ethylhexyl)phtha...	14.074	149	525665	39.740	ng	#	97
85) Di-n-octyl phthalate	14.692	149	744665	39.099	ng		98
87) Indeno(1,2,3-cd)pyrene	17.145	276	528208	41.676	ng	#	88
88) Benzo(b)fluoranthene	15.163	252	511212	39.378	ng	#	95
89) Benzo(k)fluoranthene	15.198	252	488242	38.992	ng	#	95
90) Benzo(a)pyrene	15.545	252	402461	39.689	ng	#	95
91) Dibenzo(a,h)anthracene	17.162	278	436137	41.607	ng	#	94
92) Benzo(g,h,i)perylene	17.615	276	433740	41.972	ng	#	89

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

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