Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071921\
Data File : BF124625.D
Acq On : 19 Jul 2021 21:59
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Manual Integrations APPROVED
mohammad
7/22/2021 1:27:46 PM

Quant Time: Jul 20 03:16:01 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF070721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 19 11:33:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.916	152	7671	20.000	ng		0.00
21) Naphthalene-d8	8.204	136	28746	20.000	ng		0.00
39) Acenaphthene-d10	9.963	164	15693	20.000	ng		0.00
64) Phenanthrene-d10	11.445	188	28146	20.000	ng		0.00
76) Chrysene-d12	14.092	240	15362	20.000	ng	#	0.00
86) Perylene-d12	15.580	264	12327	20.000	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	37324	84.300	ng		0.00
7) Phenol-d6	6.540	99	45278	84.065	ng		0.00
23) Nitrobenzene-d5	7.481	82	39892	87.604	ng		0.00
42) 2,4,6-Tribromophenol	10.751	330	11662	95.496	ng		0.00
45) 2-Fluorobiphenyl	9.281	172	89765	83.412	ng		0.00
79) Terphenyl-d14	13.033	244	90298	98.704	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.716	88	6512	44.042	ng	#	100
3) Pyridine	3.481	79	15706m	42.285	ng		
4) n-Nitrosodimethylamine	3.446	42	12767m	42.289	ng		
6) Aniline	6.581	93	19014	33.505	ng		97
8) 2-Chlorophenol	6.698	128	20311	40.919	ng		95
9) Benzaldehyde	6.463	77	10779	34.112	ng		93
10) Phenol	6.551	94	21881	41.610	ng		99
11) bis(2-Chloroethyl)ether	6.651	93	17452	42.808	ng		98
12) 1,3-Dichlorobenzene	6.857	146	23167	42.643	ng		93
13) 1,4-Dichlorobenzene	6.934	146	22987	41.426	ng		98
14) 1,2-Dichlorobenzene	7.087	146	21568	40.899	ng		97
15) Benzyl Alcohol	7.057	79	14833	39.801	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	7.192	45	30199	42.977	ng		99
17) 2-Methylphenol	7.163	107	15622	42.997	ng		96
18) Hexachloroethane	7.434	117	8935	42.759	ng	#	87
19) n-Nitroso-di-n-propyla...	7.334	70	13397	44.241	ng		98
20) 3+4-Methylphenols	7.316	107	19966	41.739	ng		90
22) Acetophenone	7.328	105	26993	41.376	ng	#	96
24) Nitrobenzene	7.504	77	19790	43.829	ng		96
25) Isophorone	7.739	82	35371	42.313	ng		97
26) 2-Nitrophenol	7.816	139	11259	46.225	ng		94
27) 2,4-Dimethylphenol	7.845	122	17403	43.119	ng		89
28) bis(2-Chloroethoxy)met...	7.945	93	20564	42.172	ng		98
29) 2,4-Dichlorophenol	8.051	162	18057	43.374	ng		94
30) 1,2,4-Trichlorobenzene	8.139	180	19496	42.318	ng		98
31) Naphthalene	8.222	128	63144	42.470	ng		97
32) Benzoic acid	7.969	122	13254	43.759	ng		99
33) 4-Chloroaniline	8.269	127	18774	33.415	ng		98
34) Hexachlorobutadiene	8.339	225	11498	44.216	ng		98
35) Caprolactam	8.651	113	4623	43.903	ng	#	86
36) 4-Chloro-3-methylphenol	8.745	107	17172	41.713	ng		95
37) 2-Methylnaphthalene	8.916	142	41875	41.738	ng		98
38) 1-Methylnaphthalene	9.016	142	39081	41.477	ng		99
40) 1,2,4,5-Tetrachloroben...	9.081	216	18054	43.134	ng		98
41) Hexachlorocyclopentadiene	9.069	237	10820	41.383	ng		98
43) 2,4,6-Trichlorophenol	9.186	196	13530	44.776	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	13863	44.483	ng		94
46) 1,1'-Biphenyl	9.380	154	49623	41.634	ng		99
47) 2-Chloronaphthalene	9.404	162	38612	41.319	ng		98
48) 2-Nitroaniline	9.498	65	9843	43.802	ng		94
49) Acenaphthylene	9.822	152	61564	42.217	ng		99
50) Dimethylphthalate	9.680	163	46308	42.413	ng	#	97
51) 2,6-Dinitrotoluene	9.745	165	10025	46.576	ng		93
52) Acenaphthene	9.998	154	40404	43.331	ng		98
53) 3-Nitroaniline	9.910	138	10482	43.641	ng		92
54) 2,4-Dinitrophenol	10.010	184	5897	52.505	ng		89
55) Dibenzofuran	10.169	168	57506	41.945	ng		97
56) 4-Nitrophenol	10.057	139	8325	41.645	ng		95
57) 2,4-Dinitrotoluene	10.145	165	13812	46.873	ng	#	93
58) Fluorene	10.510	166	44145	41.629	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.280	232	11069	45.990	ng	#	95
60) Diethylphthalate	10.380	149	47930	41.985	ng		99
61) 4-Chlorophenyl-phenyle...	10.498	204	20705	43.015	ng		97
62) 4-Nitroaniline	10.527	138	9172	37.890	ng		83
63) Azobenzene	10.663	77	41851	41.940	ng		98
65) 4,6-Dinitro-2-methylph...	10.551	198	7766	48.301	ng		100
66) n-Nitrosodiphenylamine	10.622	169	37350	40.754	ng		93
67) 4-Bromophenyl-phenylether	10.992	248	12196	41.905	ng	#	85
68) Hexachlorobenzene	11.057	284	13323	44.680	ng		92
69) Atrazine	11.145	200	11528	41.071	ng		96
70) Pentachlorophenol	11.245	266	8499	45.061	ng		94
71) Phenanthrene	11.474	178	63125	41.109	ng		98
72) Anthracene	11.527	178	61395	39.854	ng		99
73) Carbazole	11.680	167	56452	39.659	ng		100
74) Di-n-butylphthalate	12.004	149	79059	41.230	ng		98
75) Fluoranthene	12.663	202	58959	38.056	ng		98
77) Benzidine	12.780	184	2633	4.585	ng	#	82
78) Pyrene	12.892	202	58765	46.043	ng		99
80) Butylbenzylphthalate	13.510	149	28192	45.684	ng		93
81) Benzo(a)anthracene	14.080	228	42277	41.496	ng		97
82) 3,3'-Dichlorobenzidine	14.039	252	9501	35.602	ng		97
83) Chrysene	14.115	228	39535	40.508	ng		100
84) Bis(2-ethylhexyl)phtha...	14.063	149	38323	46.254	ng		98
85) Di-n-octyl phthalate	14.680	149	56294	46.955	ng		99
87) Indeno(1,2,3-cd)pyrene	17.092	276	35525	49.691	ng		97
88) Benzo(b)fluoranthene	15.139	252	35515	40.139	ng		99
89) Benzo(k)fluoranthene	15.174	252	31973	39.384	ng		98
90) Benzo(a)pyrene	15.515	252	30626	41.933	ng		96
91) Dibenzo(a,h)anthracene	17.115	278	30763	50.554	ng		96
92) Benzo(g,h,i)perylene	17.551	276	29121	49.016	ng	#	90

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

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