Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063021\
Data File : BF124492.D
Acq On : 30 Jun 2021 14:35
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 30 14:59:23 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF062321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 29 12:49:33 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

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7/1/2021 2:51:54 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.692	152	33864	20.000	ng	0.00
21) Naphthalene-d8	7.975	136	123783	20.000	ng	# 0.00
39) Acenaphthene-d10	9.728	164	71376	20.000	ng	0.00
64) Phenanthrene-d10	11.216	188	130857	20.000	ng	0.00
76) Chrysene-d12	13.863	240	90161	20.000	ng	0.00
86) Perylene-d12	15.286	264	75344	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	175403	81.459	ng	0.00
7) Phenol-d6	6.351	99	223973	79.663	ng	0.00
23) Nitrobenzene-d5	7.263	82	223364	74.818	ng	0.00
42) 2,4,6-Tribromophenol	10.522	330	69856	81.918	ng	0.00
45) 2-Fluorobiphenyl	9.051	172	460831	79.090	ng	0.00
79) Terphenyl-d14	12.798	244	480774	79.868	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.310	88	36155	39.048	ng	# 83
3) Pyridine	3.022	79	87361	43.027	ng	# 75
4) n-Nitrosodimethylamine	2.987	42	42297	38.613	ng	# 91
6) Aniline	6.357	93	116141	36.977	ng	# 45
8) 2-Chlorophenol	6.487	128	93709	39.159	ng	88
9) Benzaldehyde	6.245	77	56000	42.788	ng	97
10) Phenol	6.363	94	115635	38.038	ng	# 62
11) bis(2-Chloroethyl)ether	6.434	93	82935	37.722	ng	94
12) 1,3-Dichlorobenzene	6.634	146	111429	38.337	ng	91
13) 1,4-Dichlorobenzene	6.710	146	114893	38.984	ng	91
14) 1,2-Dichlorobenzene	6.863	146	109633	39.500	ng	97
15) Benzyl Alcohol	6.845	79	92556	38.379	ng	90
16) 2,2'-oxybis(1-Chloropr...	6.969	45	104881	37.186	ng	# 1
17) 2-Methylphenol	6.963	107	75978	39.677	ng	# 88
18) Hexachloroethane	7.198	117	42461	39.545	ng	# 89
19) n-Nitroso-di-n-propyla...	7.116	70	73317	38.777	ng	# 78
20) 3+4-Methylphenols	7.122	107	99074	39.637	ng	# 75
22) Acetophenone	7.110	105	132986	38.594	ng	# 88
24) Nitrobenzene	7.287	77	108651	36.430	ng	95
25) Isophorone	7.522	82	196373	38.259	ng	97
26) 2-Nitrophenol	7.598	139	53741	37.045	ng	89
27) 2,4-Dimethylphenol	7.645	122	72357	37.420	ng	89
28) bis(2-Chloroethoxy)met...	7.734	93	99304	38.170	ng	98
29) 2,4-Dichlorophenol	7.845	162	86513	37.691	ng	93
30) 1,2,4-Trichlorobenzene	7.922	180	96854	37.207	ng	97
31) Naphthalene	7.998	128	273853	37.604	ng	98
32) Benzoic acid	7.804	122	33366	32.316	ng	# 88
33) 4-Chloroaniline	8.057	127	100824	36.860	ng	93
34) Hexachlorobutadiene	8.116	225	63167	36.295	ng	99
35) Caprolactam	8.439	113	24014m	39.923	ng	
36) 4-Chloro-3-methylphenol	8.551	107	85657	36.946	ng	# 77
37) 2-Methylnaphthalene	8.686	142	197696	38.362	ng	100
38) 1-Methylnaphthalene	8.786	142	187359	39.087	ng	100
40) 1,2,4,5-Tetrachloroben...	8.857	216	101143	39.430	ng	# 96
41) Hexachlorocyclopentadiene	8.839	237	4806	24.146	ng	# 70
43) 2,4,6-Trichlorophenol	8.975	196	60764	37.748	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.028	196	67203	39.566	ng	#	84
46) 1,1'-Biphenyl	9.151	154	240454	39.637	ng		93
47) 2-Chloronaphthalene	9.181	162	195166	39.330	ng	#	91
48) 2-Nitroaniline	9.286	65	59024	36.158	ng		88
49) Acenaphthylene	9.592	152	272594	38.004	ng		96
50) Dimethylphthalate	9.463	163	221901	39.432	ng	#	97
51) 2,6-Dinitrotoluene	9.528	165	52850	40.657	ng	#	82
52) Acenaphthene	9.763	154	179440	39.398	ng		95
53) 3-Nitroaniline	9.698	138	46514	40.423	ng	#	94
54) 2,4-Dinitrophenol	9.822	184	14337	36.815	ng	#	78
55) Dibenzofuran	9.933	168	284191	39.149	ng		98
56) 4-Nitrophenol	9.886	139	18100	29.985	ng	#	80
57) 2,4-Dinitrotoluene	9.939	165	67061	38.920	ng		90
58) Fluorene	10.281	166	218835	39.233	ng		92
59) 2,3,4,6-Tetrachlorophenol	10.063	232	50126	40.353	ng	#	90
60) Diethylphthalate	10.157	149	226550	40.458	ng		96
61) 4-Chlorophenyl-phenyle...	10.269	204	110137	39.844	ng		98
62) 4-Nitroaniline	10.316	138	44993	40.640	ng		86
63) Azobenzene	10.433	77	218124	39.133	ng		93
65) 4,6-Dinitro-2-methylph...	10.351	198	36897	39.336	ng	#	59
66) n-Nitrosodiphenylamine	10.392	169	189139	37.677	ng		98
67) 4-Bromophenyl-phenylether	10.757	248	66084	37.539	ng		94
68) Hexachlorobenzene	10.828	284	73279	38.312	ng		95
69) Atrazine	10.922	200	56288	43.462	ng		94
70) Pentachlorophenol	11.033	266	15751	37.250	ng		98
71) Phenanthrene	11.239	178	304977	36.972	ng		98
72) Anthracene	11.292	178	306654	37.310	ng		97
73) Carbazole	11.451	167	266800	37.246	ng		97
74) Di-n-butylphthalate	11.780	149	339697	39.825	ng		98
75) Fluoranthene	12.427	202	311949	37.579	ng		97
77) Benzidine	12.557	184	92353	51.110	ng	#	91
78) Pyrene	12.657	202	305104	37.072	ng		99
80) Butylbenzylphthalate	13.274	149	130365	39.891	ng		92
81) Benzo(a)anthracene	13.851	228	244402	37.599	ng		98
82) 3,3'-Dichlorobenzidine	13.810	252	75028	36.024	ng		97
83) Chrysene	13.886	228	237354	36.846	ng		96
84) Bis(2-ethylhexyl)phtha...	13.833	149	176901	40.402	ng		95
85) Di-n-octyl phthalate	14.451	149	281071	41.217	ng	#	86
87) Indeno(1,2,3-cd)pyrene	16.692	276	238605	40.158	ng		96
88) Benzo(b)fluoranthene	14.880	252	232004	40.635	ng		99
89) Benzo(k)fluoranthene	14.910	252	212128	40.611	ng		97
90) Benzo(a)pyrene	15.233	252	197992	39.024	ng	#	95
91) Dibenzo(a,h)anthracene	16.692	278	209023	40.840	ng		95
92) Benzo(g,h,i)perylene	17.109	276	204108	40.529	ng		94

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

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