Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092921\
Data File : BF125702.D
Acq On : 29 Sep 2021 9:30
Operator : JU/CG
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
9/30/2021 11:31:05 AM

Quant Time: Sep 29 10:46:37 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 24 15:38:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	259473	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1024104	20.000	ng	# 0.00
39) Acenaphthene-d10	9.928	164	519105	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	797147	20.000	ng	# 0.00
76) Chrysene-d12	14.045	240	405697	20.000	ng	0.00
86) Perylene-d12	15.521	264	445742	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	1255574	79.725	ng	0.00
7) Phenol-d6	6.510	99	1654472	78.140	ng	0.00
23) Nitrobenzene-d5	7.451	82	1356523	92.391	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	414141	85.567	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	2448698	84.714	ng	0.00
79) Terphenyl-d14	12.992	244	1923231	82.095	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.681	88	266331	39.736	ng	# 100
3) Pyridine	3.434	79	712988	40.218	ng	# 70
4) n-Nitrosodimethylamine	3.393	42	257857	39.200	ng	# 1
6) Aniline	6.551	93	941277	38.502	ng	94
8) 2-Chlorophenol	6.675	128	731736	40.961	ng	98
9) Benzaldehyde	6.440	77	410607	43.222	ng	94
10) Phenol	6.528	94	853076	39.858	ng	86
11) bis(2-Chloroethyl)ether	6.622	93	652467	39.228	ng	98
12) 1,3-Dichlorobenzene	6.834	146	761342m	38.596	ng	
13) 1,4-Dichlorobenzene	6.910	146	770393	38.387	ng	98
14) 1,2-Dichlorobenzene	7.063	146	733548	38.740	ng	98
15) Benzyl Alcohol	7.028	79	562001	38.266	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.163	45	797633	37.675	ng	88
17) 2-Methylphenol	7.134	107	571737	39.028	ng	97
18) Hexachloroethane	7.404	117	265685	40.785	ng	92
19) n-Nitroso-di-n-propyla...	7.304	70	444186	36.846	ng	# 67
20) 3+4-Methylphenols	7.287	107	715115	38.828	ng	# 85
22) Acetophenone	7.298	105	900648	38.757	ng	# 90
24) Nitrobenzene	7.469	77	699538	46.838	ng	97
25) Isophorone	7.710	82	1252438	38.089	ng	95
26) 2-Nitrophenol	7.787	139	368049	47.095	ng	# 94
27) 2,4-Dimethylphenol	7.816	122	601453	41.129	ng	96
28) bis(2-Chloroethoxy)met...	7.916	93	732845	39.513	ng	97
29) 2,4-Dichlorophenol	8.022	162	607636	41.829	ng	97
30) 1,2,4-Trichlorobenzene	8.110	180	623215	39.410	ng	98
31) Naphthalene	8.192	128	2051486	39.014	ng	99
32) Benzoic acid	7.928	122	424137	41.091	ng	97
33) 4-Chloroaniline	8.239	127	837371	37.964	ng	98
34) Hexachlorobutadiene	8.316	225	343467	39.391	ng	99
35) Caprolactam	8.610	113	172502	36.389	ng	# 79
36) 4-Chloro-3-methylphenol	8.716	107	589385	38.720	ng	96
37) 2-Methylnaphthalene	8.886	142	1349006	37.826	ng	100
38) 1-Methylnaphthalene	8.986	142	1275202	37.835	ng	98
40) 1,2,4,5-Tetrachloroben...	9.051	216	548296	40.613	ng	98
41) Hexachlorocyclopentadiene	9.039	237	256819	44.960	ng	97
43) 2,4,6-Trichlorophenol	9.157	196	421162	44.485	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	439936	43.040	ng	#	89
46) 1,1'-Biphenyl	9.351	154	1522702	39.781	ng		98
47) 2-Chloronaphthalene	9.375	162	1266560	39.966	ng		97
48) 2-Nitroaniline	9.463	65	332661	44.807	ng		93
49) Acenaphthylene	9.786	152	1874471	39.291	ng		97
50) Dimethylphthalate	9.645	163	1353503	38.704	ng		98
51) 2,6-Dinitrotoluene	9.704	165	318786	45.022	ng		95
52) Acenaphthene	9.963	154	1171075	39.151	ng		98
53) 3-Nitroaniline	9.875	138	338215	42.015	ng		92
54) 2,4-Dinitrophenol	9.975	184	116662	44.905	ng	#	81
55) Dibenzofuran	10.133	168	1720963	38.349	ng		95
56) 4-Nitrophenol	10.022	139	255375	39.643	ng		89
57) 2,4-Dinitrotoluene	10.110	165	402623	45.581	ng	#	73
58) Fluorene	10.475	166	1262236	36.136	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	334777	42.555	ng	#	88
60) Diethylphthalate	10.345	149	1260401	37.384	ng		98
61) 4-Chlorophenyl-phenyle...	10.463	204	576088	37.104	ng		90
62) 4-Nitroaniline	10.486	138	302790	38.398	ng	#	74
63) Azobenzene	10.628	77	1218492	37.431	ng		82
65) 4,6-Dinitro-2-methylph...	10.516	198	182240	47.163	ng	#	68
66) n-Nitrosodiphenylamine	10.580	169	1132613	41.389	ng		95
67) 4-Bromophenyl-phenylether	10.957	248	352882	42.182	ng		93
68) Hexachlorobenzene	11.022	284	412430	42.005	ng	#	85
69) Atrazine	11.104	200	306971	42.307	ng		94
70) Pentachlorophenol	11.210	266	232456	44.795	ng		95
71) Phenanthrene	11.433	178	1744153	39.018	ng		97
72) Anthracene	11.486	178	1750894	39.639	ng		97
73) Carbazole	11.639	167	1612522	37.094	ng		99
74) Di-n-butylphthalate	11.969	149	1629067	37.172	ng		99
75) Fluoranthene	12.621	202	1543215	32.302	ng		97
77) Benzidine	12.739	184	530430	49.769	ng		98
78) Pyrene	12.851	202	1548844	42.244	ng		96
80) Butylbenzylphthalate	13.463	149	476923	39.281	ng		94
81) Benzo(a)anthracene	14.033	228	1087833	39.474	ng		99
82) 3,3'-Dichlorobenzidine	13.998	252	317472	39.925	ng		99
83) Chrysene	14.074	228	1103010	39.884	ng		97
84) Bis(2-ethylhexyl)phtha...	14.027	149	536811	38.622	ng	#	99
85) Di-n-octyl phthalate	14.639	149	935080	45.870	ng	#	90
87) Indeno(1,2,3-cd)pyrene	17.009	276	1304512	43.114	ng		98
88) Benzo(b)fluoranthene	15.086	252	1163997	37.272	ng		98
89) Benzo(k)fluoranthene	15.115	252	1071537	35.812	ng	#	96
90) Benzo(a)pyrene	15.457	252	1081692	38.911	ng		98
91) Dibenzo(a,h)anthracene	17.027	278	1093223	43.228	ng		98
92) Benzo(g,h,i)perylene	17.456	276	1114849	43.164	ng		93

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

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