Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011621\
Data File : BF122972.D
Acq On : 15 Jan 2021 19:53
Operator : JU/CG
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
1/18/2021 3:37:30 PM

Quant Time: Jan 16 00:30:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jan 16 00:28:27 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	269334	20.00	ng		0.00
21) Naphthalene-d8	8.186	136	1019601	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	499123	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	826362	20.00	ng		# 0.00
76) Chrysene-d12	14.074	240	613231	20.00	ng		# 0.00
86) Perylene-d12	15.551	264	594207	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1697897	94.64	ng		0.00
7) Phenol-d6	6.528	99	2288561	94.00	ng		0.00
23) Nitrobenzene-d5	7.469	82	2002972	97.13	ng		0.00
42) 2,4,6-Tribromophenol	10.733	330	575708	102.12	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	3237914	91.96	ng		0.00
79) Terphenyl-d14	13.021	244	3163681	95.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	425968	50.82	ng	#	84
3) Pyridine	3.457	79	1151847	50.54	ng	#	82
4) n-Nitrosodimethylamine	3.422	42	521574	54.75	ng		88
6) Aniline	6.563	93	1430890	49.29	ng		97
8) 2-Chlorophenol	6.687	128	907392	46.98	ng		93
9) Benzaldehyde	6.451	77	580422	45.91	ng		100
10) Phenol	6.540	94	1164883	48.33	ng		91
11) bis(2-Chloroethyl)ether	6.640	93	941619	48.70	ng		95
12) 1,3-Dichlorobenzene	6.840	146	1033641m	46.98	ng		
13) 1,4-Dichlorobenzene	6.916	146	1060333	47.95	ng		97
14) 1,2-Dichlorobenzene	7.075	146	958552	45.90	ng		99
15) Benzyl Alcohol	7.039	79	838786	48.83	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1632735	53.95	ng		93
17) 2-Methylphenol	7.145	107	785205	48.97	ng		97
18) Hexachloroethane	7.416	117	386434	46.77	ng		94
19) n-Nitroso-di-n-propyla...	7.322	70	699991	47.12	ng		95
20) 3+4-Methylphenols	7.304	107	953896	46.61	ng		89
22) Acetophenone	7.310	105	1253691	46.56	ng	#	97
24) Nitrobenzene	7.487	77	1027182	49.76	ng		99
25) Isophorone	7.722	82	1763461	47.69	ng		99
26) 2-Nitrophenol	7.798	139	493068	54.13	ng		96
27) 2,4-Dimethylphenol	7.828	122	738004	45.61	ng		99
28) bis(2-Chloroethoxy)met...	7.934	93	1193807	47.64	ng		98
29) 2,4-Dichlorophenol	8.034	162	786787	48.07	ng		97
30) 1,2,4-Trichlorobenzene	8.122	180	807674	43.10	ng		97
31) Naphthalene	8.204	128	2553048	46.02	ng		98
32) Benzoic acid	7.963	122	683918	56.37	ng		99
33) 4-Chloroaniline	8.251	127	1133986	47.15	ng	#	95
34) Hexachlorobutadiene	8.328	225	441641	40.46	ng		100
35) Caprolactam	8.633	113	263219	47.91	ng	#	62
36) 4-Chloro-3-methylphenol	8.728	107	820603	48.75	ng		99
37) 2-Methylnaphthalene	8.898	142	1743753	45.73	ng		98
38) 1-Methylnaphthalene	8.998	142	1659008	45.95	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	686020	43.12	ng	#	97
41) Hexachlorocyclopentadiene	9.051	237	360557	42.36	ng		96
43) 2,4,6-Trichlorophenol	9.169	196	534552	47.44	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	541222	48.56	ng		98
46) 1,1'-Biphenyl	9.363	154	1950923	48.65	ng		99
47) 2-Chloronaphthalene	9.386	162	1678140	51.53	ng		99
48) 2-Nitroaniline	9.480	65	610884	62.35	ng		89
49) Acenaphthylene	9.804	152	2432828	50.52	ng		99
50) Dimethylphthalate	9.663	163	1941655	52.30	ng		98
51) 2,6-Dinitrotoluene	9.722	165	437880	55.14	ng	#	86
52) Acenaphthene	9.975	154	1569703	49.58	ng		100
53) 3-Nitroaniline	9.892	138	535525	57.40	ng		91
54) 2,4-Dinitrophenol	9.992	184	203484	70.73	ng		96
55) Dibenzofuran	10.151	168	2143009	47.76	ng		100
56) 4-Nitrophenol	10.039	139	403101	57.04	ng		88
57) 2,4-Dinitrotoluene	10.128	165	568464	55.98	ng		95
58) Fluorene	10.492	166	1651770	45.34	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	413622m	42.70	ng		
60) Diethylphthalate	10.363	149	1829668	49.30	ng		98
61) 4-Chlorophenyl-phenyle...	10.480	204	753784	42.73	ng		92
62) 4-Nitroaniline	10.510	138	530195	57.88	ng		94
63) Azobenzene	10.645	77	1822956	49.84	ng		96
65) 4,6-Dinitro-2-methylph...	10.533	198	250998	67.10	ng		79
66) n-Nitrosodiphenylamine	10.604	169	1501339	53.94	ng		98
67) 4-Bromophenyl-phenylether	10.975	248	502154	50.27	ng		98
68) Hexachlorobenzene	11.039	284	572771	53.38	ng		94
69) Atrazine	11.127	200	389362	43.69	ng		98
70) Pentachlorophenol	11.227	266	327900	50.48	ng		99
71) Phenanthrene	11.457	178	2324191	49.64	ng		99
72) Anthracene	11.510	178	2378707	51.24	ng		100
73) Carbazole	11.657	167	2255012	52.37	ng		98
74) Di-n-butylphthalate	11.992	149	2686595	52.21	ng		100
75) Fluoranthene	12.645	202	2390615	47.97	ng		97
77) Benzidine	12.757	184	768093	43.87	ng		98
78) Pyrene	12.874	202	2419470	50.76	ng		99
80) Butylbenzylphthalate	13.492	149	1164884	56.10	ng		95
81) Benzo(a)anthracene	14.063	228	2048580	49.78	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	702366	51.34	ng	#	99
83) Chrysene	14.104	228	2027453	51.11	ng		97
84) Bis(2-ethylhexyl)phtha...	14.057	149	1477669	54.18	ng		97
85) Di-n-octyl phthalate	14.668	149	2516206	54.51	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.051	276	1872759	48.77	ng	#	94
88) Benzo(b)fluoranthene	15.121	252	1971325m	47.20	ng		
89) Benzo(k)fluoranthene	15.157	252	2046673	53.21	ng		99
90) Benzo(a)pyrene	15.492	252	1824504	49.71	ng	#	97
91) Dibenzo(a,h)anthracene	17.068	278	1534818	48.72	ng	#	96
92) Benzo(g,h,i)perylene	17.498	276	1451541	48.40	ng	#	94

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

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