Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF040221\
Data File : BF123551.D
Acq On : 1 Apr 2021 20:28
Operator : JU/CG
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ICVBF040221

Manual Integrations APPROVED
mohammad
4/2/2021 12:10:44 PM

Quant Time: Apr 02 01:32:34 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 02 01:16:47 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.887	152	142280	20.00	ng		0.00
21) Naphthalene-d8	8.169	136	540692	20.00	ng		# 0.00
39) Acenaphthene-d10	9.934	164	307097	20.00	ng		0.00
64) Phenanthrene-d10	11.416	188	550088	20.00	ng		# 0.00
76) Chrysene-d12	14.063	240	343087	20.00	ng		0.00
86) Perylene-d12	15.551	264	259541	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	640088	81.76	ng		0.00
7) Phenol-d6	6.516	99	851129	80.04	ng		0.00
23) Nitrobenzene-d5	7.451	82	866071	81.76	ng		0.00
42) 2,4,6-Tribromophenol	10.722	330	346229	82.27	ng		0.00
45) 2-Fluorobiphenyl	9.251	172	1773778	80.05	ng		0.00
79) Terphenyl-d14	13.010	244	1933479	83.33	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.669	88	123937	38.48	ng	#	58
3) Pyridine	3.428	79	325722	40.61	ng	#	51
4) n-Nitrosodimethylamine	3.387	42	243518	41.81	ng	#	49
6) Aniline	6.551	93	477418	39.81	ng		92
8) 2-Chlorophenol	6.675	128	365923	39.04	ng		97
9) Benzaldehyde	6.434	77	246507	42.03	ng		98
10) Phenol	6.528	94	448559	39.99	ng		85
11) bis(2-Chloroethyl)ether	6.622	93	329342	38.79	ng		86
12) 1,3-Dichlorobenzene	6.828	146	422107	40.43	ng		98
13) 1,4-Dichlorobenzene	6.904	146	427997	40.40	ng		98
14) 1,2-Dichlorobenzene	7.057	146	411091	40.57	ng		98
15) Benzyl Alcohol	7.028	79	355985	41.46	ng		93
16) 2,2'-oxybis(1-Chloropr...	7.163	45	706790	42.33	ng		88
17) 2-Methylphenol	7.134	107	285915	38.83	ng	#	92
18) Hexachloroethane	7.398	117	158518	40.50	ng		96
19) n-Nitroso-di-n-propyla...	7.304	70	298066	40.36	ng	#	74
20) 3+4-Methylphenols	7.292	107	385330	40.52	ng		95
22) Acetophenone	7.298	105	546194	40.22	ng	#	87
24) Nitrobenzene	7.469	77	432873	39.35	ng		90
25) Isophorone	7.710	82	774442	39.09	ng		98
26) 2-Nitrophenol	7.787	139	204654	41.05	ng		94
27) 2,4-Dimethylphenol	7.822	122	297681	38.88	ng		94
28) bis(2-Chloroethoxy)met...	7.916	93	400808	39.18	ng		99
29) 2,4-Dichlorophenol	8.028	162	341573	40.98	ng		99
30) 1,2,4-Trichlorobenzene	8.110	180	355925	40.28	ng		94
31) Naphthalene	8.192	128	1083138	40.29	ng		99
32) Benzoic acid	7.957	122	216241	43.19	ng		92
33) 4-Chloroaniline	8.239	127	420461	39.01	ng	#	94
34) Hexachlorobutadiene	8.310	225	247263	39.53	ng		99
35) Caprolactam	8.628	113	93014	38.61	ng	#	37
36) 4-Chloro-3-methylphenol	8.722	107	361262	39.40	ng		95
37) 2-Methylnaphthalene	8.886	142	792805	40.96	ng		100
38) 1-Methylnaphthalene	8.986	142	737281	40.97	ng		97
40) 1,2,4,5-Tetrachloroben...	9.051	216	380846	41.60	ng		99
41) Hexachlorocyclopentadiene	9.039	237	210929	42.09	ng		97
43) 2,4,6-Trichlorophenol	9.163	196	271181	42.39	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	285726	41.65	ng		98
46) 1,1'-Biphenyl	9.351	154	950744	40.25	ng		97
47) 2-Chloronaphthalene	9.375	162	749399	40.80	ng		99
48) 2-Nitroaniline	9.469	65	247432	40.21	ng	#	75
49) Acenaphthylene	9.792	152	1126260	39.98	ng		100
50) Dimethylphthalate	9.657	163	870315	39.95	ng		100
51) 2,6-Dinitrotoluene	9.716	165	197264	40.42	ng	#	86
52) Acenaphthene	9.969	154	780142	40.92	ng		98
53) 3-Nitroaniline	9.886	138	199527	40.84	ng		98
54) 2,4-Dinitrophenol	9.986	184	110936	41.80	ng	#	85
55) Dibenzofuran	10.139	168	1052421	40.51	ng		96
56) 4-Nitrophenol	10.039	139	152703	40.05	ng	#	65
57) 2,4-Dinitrotoluene	10.116	165	263379	41.00	ng	#	85
58) Fluorene	10.481	166	855203	40.09	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	229642m	40.52	ng		
60) Diethylphthalate	10.351	149	913958	39.57	ng		97
61) 4-Chlorophenyl-phenyle...	10.469	204	422131	40.65	ng		92
62) 4-Nitroaniline	10.504	138	190423	39.28	ng		85
63) Azobenzene	10.633	77	860724	39.95	ng		91
65) 4,6-Dinitro-2-methylph...	10.528	198	154565	43.48	ng	#	78
66) n-Nitrosodiphenylamine	10.592	169	768953	40.29	ng		96
67) 4-Bromophenyl-phenylether	10.963	248	275557	40.71	ng		99
68) Hexachlorobenzene	11.033	284	304232	40.70	ng		95
69) Atrazine	11.122	200	250807	39.60	ng		99
70) Pentachlorophenol	11.222	266	183347	42.96	ng		100
71) Phenanthrene	11.445	178	1181588	39.22	ng		100
72) Anthracene	11.498	178	1187779	39.37	ng		99
73) Carbazole	11.651	167	1069749	39.93	ng		99
74) Di-n-butylphthalate	11.980	149	1435479	39.99	ng		100
75) Fluoranthene	12.633	202	1199869	35.89	ng		97
77) Benzidine	12.751	184	403471	35.58	ng		99
78) Pyrene	12.863	202	1201084	41.41	ng		99
80) Butylbenzylphthalate	13.480	149	544185	41.79	ng		96
81) Benzo(a)anthracene	14.051	228	915836	39.88	ng		97
82) 3,3'-Dichlorobenzidine	14.016	252	268638	38.78	ng		99
83) Chrysene	14.092	228	874418	39.51	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	749147	41.02	ng		100
85) Di-n-octyl phthalate	14.663	149	1061044	39.36	ng	#	93
87) Indeno(1,2,3-cd)pyrene	17.051	276	630838	42.32	ng	#	94
88) Benzo(b)fluoranthene	15.116	252	685864	39.21	ng	#	96
89) Benzo(k)fluoranthene	15.145	252	702868	42.36	ng	#	96
90) Benzo(a)pyrene	15.492	252	599167	40.53	ng	#	95
91) Dibenzo(a,h)anthracene	17.074	278	538612	42.31	ng	#	96
92) Benzo(g,h,i)perylene	17.504	276	512616	42.67	ng	#	94

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

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