Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011821\
Data File : BF122995.D
Acq On : 18 Jan 2021 19:29
Operator : JU/CG
Sample : M1090-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jan 18 23:49:52 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF011621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 18 13:14:08 2021
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
BORE-2-1FT-7FTMS

Manual Integrations APPROVED
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1/20/2021 2:15:30 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.898	152	179687	20.00	ng		0.00
21) Naphthalene-d8	8.181	136	722112	20.00	ng		# 0.00
39) Acenaphthene-d10	9.939	164	288818	20.00	ng		0.00
64) Phenanthrene-d10	11.427	188	504958	20.00	ng		# 0.00
76) Chrysene-d12	14.074	240	386444	20.00	ng		# 0.00
86) Perylene-d12	15.551	264	353764	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1443231	121.41	ng		0.02
7) Phenol-d6	6.528	99	1941890	121.55	ng		0.00
23) Nitrobenzene-d5	7.463	82	1319578	94.04	ng		0.00
42) 2,4,6-Tribromophenol	10.727	330	409788	125.47	ng		0.00
45) 2-Fluorobiphenyl	9.257	172	1618420	78.47	ng		0.00
79) Terphenyl-d14	13.015	244	1850348	87.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.922	88	225054	38.98	ng	#	65
3) Pyridine	3.598	79	489647	31.34	ng	#	63
4) n-Nitrosodimethylamine	3.546	42	415781	59.61	ng	#	68
6) Aniline	6.563	93	248997	12.92	ng		94
8) 2-Chlorophenol	6.686	128	688183	54.82	ng		94
10) Phenol	6.539	94	777543m	48.46	ng		
11) bis(2-Chloroethyl)ether	6.634	93	669039	51.50	ng		89
12) 1,3-Dichlorobenzene	6.839	146	608026	41.85	ng	#	94
13) 1,4-Dichlorobenzene	6.916	146	603822	41.28	ng		96
14) 1,2-Dichlorobenzene	7.069	146	611928	44.84	ng		98
15) Benzyl Alcohol	7.034	79	608408	54.03	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1257472	55.54	ng		89
17) 2-Methylphenol	7.145	107	531590	49.92	ng		98
18) Hexachloroethane	7.410	117	236773	44.78	ng	#	85
19) n-Nitroso-di-n-propyla...	7.316	70	488839	51.65	ng	#	84
20) 3+4-Methylphenols	7.298	107	648246	48.67	ng		93
22) Acetophenone	7.304	105	852928	46.97	ng	#	87
24) Nitrobenzene	7.481	77	728698	50.67	ng		95
25) Isophorone	7.722	82	1244772	49.72	ng		98
26) 2-Nitrophenol	7.792	139	310876	47.85	ng		91
27) 2,4-Dimethylphenol	7.828	122	558608	53.99	ng		99
28) bis(2-Chloroethoxy)met...	7.928	93	758731	44.83	ng		100
29) 2,4-Dichlorophenol	8.033	162	475496	44.02	ng		95
30) 1,2,4-Trichlorobenzene	8.122	180	462932	40.23	ng		97
31) Naphthalene	8.204	128	1666730	44.89	ng		100
32) Benzoic acid	7.945	122	393315	45.25	ng		91
33) 4-Chloroaniline	8.239	127	138002	8.52	ng	#	93
34) Hexachlorobutadiene	8.322	225	248112	39.45	ng		99
35) Caprolactam	8.616	113	120181m	32.74	ng		
36) 4-Chloro-3-methylphenol	8.728	107	521530	45.40	ng		93
37) 2-Methylnaphthalene	8.898	142	1046314	40.86	ng		99
38) 1-Methylnaphthalene	8.992	142	871825	36.05	ng		99
40) 1,2,4,5-Tetrachloroben...	9.063	216	362410	45.71	ng	#	95
41) Hexachlorocyclopentadiene	9.051	237	394613	102.45	ng		96
43) 2,4,6-Trichlorophenol	9.169	196	289374	48.96	ng		100
44) 2,4,5-Trichlorophenol	9.210	196	265783	44.32	ng	#	90

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	9.357	154	1071733	45.63	ng		97
47) 2-Chloronaphthalene	9.386	162	845985	43.17	ng		99
48) 2-Nitroaniline	9.475	65	351597	52.64	ng	#	72
49) Acenaphthylene	9.804	152	1343459	46.99	ng		99
50) Dimethylphthalate	9.663	163	1051882	46.92	ng		99
51) 2,6-Dinitrotoluene	9.716	165	230318	46.97	ng	#	57
52) Acenaphthene	9.975	154	942104	50.98	ng		99
53) 3-Nitroaniline	9.880	138	104421	17.23	ng	#	82
54) 2,4-Dinitrophenol	9.992	184	205066	73.50	ng	#	74
55) Dibenzofuran	10.145	168	1184807	45.99	ng		93
56) 4-Nitrophenol	10.045	139	420114	94.04	ng	#	72
57) 2,4-Dinitrotoluene	10.122	165	305682	48.47	ng	#	74
58) Fluorene	10.492	166	994449	49.35	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.257	232	215611	45.05	ng	#	77
60) Diethylphthalate	10.363	149	1071548	49.18	ng		97
61) 4-Chlorophenyl-phenyle...	10.480	204	408550	45.09	ng	#	89
62) 4-Nitroaniline	10.504	138	232507	38.89	ng		98
63) Azobenzene	10.639	77	1185345	54.38	ng		86
65) 4,6-Dinitro-2-methylph...	10.527	198	142613	50.15	ng	#	43
66) n-Nitrosodiphenylamine	10.598	169	868645	46.08	ng		99
67) 4-Bromophenyl-phenylether	10.969	248	260844	42.25	ng	#	88
68) Hexachlorobenzene	11.039	284	320718	45.43	ng	#	93
69) Atrazine	11.121	200	235627	46.95	ng		94
70) Pentachlorophenol	11.227	266	391696	105.49	ng		99
71) Phenanthrene	11.451	178	1421223	46.97	ng		99
72) Anthracene	11.504	178	1417584	47.40	ng		100
73) Carbazole	11.657	167	1533998	52.91	ng		99
74) Di-n-butylphthalate	11.992	149	1747535	50.94	ng		99
75) Fluoranthene	12.645	202	1487964	48.61	ng		98
77) Benzidine	12.757	184	91505	8.94	ng		99
78) Pyrene	12.874	202	1521077	49.16	ng		100
80) Butylbenzylphthalate	13.492	149	764423	55.12	ng		91
81) Benzo(a)anthracene	14.062	228	1218386	47.11	ng		98
82) 3,3'-Dichlorobenzidine	14.021	252	210801	24.90	ng	#	96
83) Chrysene	14.104	228	1225376	46.98	ng		99
84) Bis(2-ethylhexyl)phtha...	14.051	149	924410	50.00	ng		99
85) Di-n-octyl phthalate	14.668	149	1608669	53.79	ng	#	85
87) Indeno(1,2,3-cd)pyrene	17.045	276	1161916	52.13	ng	#	93
88) Benzo(b)fluoranthene	15.121	252	1282107	53.70	ng		98
89) Benzo(k)fluoranthene	15.151	252	1243184	50.79	ng		98
90) Benzo(a)pyrene	15.492	252	1125230	52.17	ng	#	97
91) Dibenzo(a,h)anthracene	17.068	278	947574	51.89	ng	#	96
92) Benzo(g,h,i)perylene	17.498	276	1264067	71.51	ng	#	94

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

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