Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
Data File : BF120156.D
Acq On : 23 Apr 2020 6:32
Operator : MA/SJ
Sample : L2123-14MSD
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MSD

Manual Integrations APPROVED
mohammad
4/24/2020 4:18:16 AM

Quant Time: Apr 23 07:17:07 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 11:49:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	144846	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	557211	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	286533	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	544296	20.00	ng		0.00
76) Chrysene-d12	13.84	240	384668	20.00	ng		0.00
87) Perylene-d12	15.24	264	322853	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1264346	150.85	ng		0.02
7) Phenol-d6	6.33	99	1477778	136.83	ng		0.00
23) Nitrobenzene-d5	7.25	82	1096548	101.81	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	466328	132.93	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	2070683	102.60	ng		0.00
79) Terphenyl-d14	12.79	244	2246888	98.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.47	88	173173	46.39	ng	#	84
3) Pyridine	3.12	79	255206	24.92	ng		94
4) n-Nitrosodimethylamine	3.06	42	260730	49.82	ng		93
6) Aniline	6.34	93	147760	10.42	ng	#	1
8) 2-Chlorophenol	6.46	128	542883	57.97	ng		99
9) Benzaldehyde	6.22	77	112493	13.62	ng		97
10) Phenol	6.34	94	564186	46.05	ng		99
11) bis(2-Chloroethyl)ether	6.42	93	528251	55.84	ng		98
12) 1,3-Dichlorobenzene	6.62	146	553254	53.96	ng		98
13) 1,4-Dichlorobenzene	6.69	146	557333	53.36	ng		98
14) 1,2-Dichlorobenzene	6.85	146	521093	54.14	ng		99
15) Benzyl Alcohol	6.83	79	404986	48.28	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.96	45	871295	47.33	ng		91
17) 2-Methylphenol	6.95	107	429182	51.35	ng		97
18) Hexachloroethane	7.19	117	209082	53.57	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	375910	54.13	ng		97
20) 3+4-Methylphenols	7.10	107	529433	51.80	ng		93
22) Acetophenone	7.09	105	743980	57.02	ng	#	96
24) Nitrobenzene	7.27	77	575577	53.12	ng		98
25) Isophorone	7.51	82	1054492	50.79	ng		99
26) 2-Nitrophenol	7.58	139	296813	54.83	ng		96
27) 2,4-Dimethylphenol	7.63	122	454073	55.62	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	649015	53.12	ng		100
29) 2,4-Dichlorophenol	7.83	162	445413	53.23	ng		97
30) 1,2,4-Trichlorobenzene	7.90	180	480419	50.67	ng		98
31) Naphthalene	7.99	128	1557312	53.12	ng		98
32) Benzoic acid	7.75	122	204197	28.48	ng		95
33) 4-Chloroaniline	8.03	127	69592	5.45	ng		97
34) Hexachlorobutadiene	8.10	225	275762	48.58	ng		99
35) Caprolactam	8.42	113	105052m	41.04	ng		
36) 4-Chloro-3-methylphenol	8.53	107	488146	53.88	ng		99
37) 2-Methylnaphthalene	8.67	142	1056491	53.15	ng		99
38) 1-Methylnaphthalene	8.77	142	1007946	53.80	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	463019	51.16	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	443563	86.19	ng	100
43) 2,4,6-Trichlorophenol	8.96	196	324126	51.87	ng	98
44) 2,4,5-Trichlorophenol	9.01	196	343736	48.84	ng	95
46) 1,1'-Biphenyl	9.15	154	1251311	51.74	ng	99
47) 2-Chloronaphthalene	9.17	162	1001167	53.74	ng	97
48) 2-Nitroaniline	9.27	65	346130	51.27	ng	91
49) Acenaphthylene	9.58	152	1528855	53.96	ng	98
50) Dimethylphthalate	9.46	163	1253446	56.56	ng	99
51) 2,6-Dinitrotoluene	9.51	165	263250	54.24	ng	90
52) Acenaphthene	9.75	154	931742	49.30	ng	99
53) 3-Nitroaniline	9.67	138	58100	10.48	ng	92
54) 2,4-Dinitrophenol	9.79	184	135310	46.57	ng	91
55) Dibenzofuran	9.93	168	1375247	53.02	ng	98
56) 4-Nitrophenol	9.86	139	329584	79.91	ng	97
57) 2,4-Dinitrotoluene	9.92	165	334895	52.37	ng	91
58) Fluorene	10.27	166	1082356	52.18	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	282446	52.47	ng	99
60) Diethylphthalate	10.15	149	1146429	49.91	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	508644	47.84	ng	98
62) 4-Nitroaniline	10.29	138	206244	39.04	ng	98
63) Azobenzene	10.42	77	1087252	52.82	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	133537	37.24	ng	99
66) n-Nitrosodiphenylamine	10.39	169	876316	48.41	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	317935	46.97	ng	99
68) Hexachlorobenzene	10.82	284	346376	50.44	ng	94
69) Atrazine	10.92	200	241114	47.87	ng	99
70) Pentachlorophenol	11.02	266	319329	80.70	ng	97
71) Phenanthrene	11.23	178	1558835	53.81	ng	99
72) Anthracene	11.28	178	1607148	54.31	ng	98
73) Carbazole	11.44	167	1474592	52.69	ng	97
74) Di-n-butylphthalate	11.77	149	1797929	48.87	ng	99
75) Fluoranthene	12.42	202	1701358	54.43	ng	98
78) Pyrene	12.65	202	1707991	52.67	ng	99
80) Butylbenzylphthalate	13.27	149	756081	48.05	ng	98
81) Benzo(a)anthracene	13.83	228	1345028	53.15	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	65033	6.89	ng	99
83) Chrysene	13.87	228	1383314	53.80	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	941417	44.18	ng	99
85) Di-n-octyl phthalate	14.44	149	1643813	45.31	ng	97
86) Indeno(1,2,3-cd)pyrene	16.61	276	1184253	52.25	ng	99
88) Benzo(b)fluoranthene	14.85	252	1208187	52.02	ng	97
89) Benzo(k)fluoranthene	14.88	252	1201158	59.94	ng	99
90) Benzo(a)pyrene	15.19	252	1066168	54.60	ng	99
91) Dibenzo(a,h)anthracene	16.63	278	970270	56.09	ng	98
92) Benzo(g,h,i)perylene	17.02	276	963537	56.43	ng	97

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

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