Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042320\
Data File : BF120179.D
Acq On : 23 Apr 2020 22:21
Operator : MA/SJ
Sample : L2330-13MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PA-TWP-2MS

Manual Integrations APPROVED
mohammad
4/24/2020 1:34:20 PM

Quant Time: Apr 24 03:46:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:31:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	146402	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	581204	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	298503	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	559927	20.00	ng		0.00
76) Chrysene-d12	13.83	240	393444	20.00	ng		0.00
87) Perylene-d12	15.23	264	353810	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	743550	87.77	ng		0.00
7) Phenol-d6	6.31	99	624473	57.21	ng		0.00
23) Nitrobenzene-d5	7.24	82	1129202	100.51	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	481595	131.77	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	2178504	103.62	ng		0.00
79) Terphenyl-d14	12.78	244	2383361	101.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	90495	23.98	ng		99
3) Pyridine	2.98	79	181731	17.55	ng		94
4) n-Nitrosodimethylamine	2.93	42	135964	25.71	ng		99
6) Aniline	6.33	93	461572	32.22	ng	#	89
8) 2-Chlorophenol	6.45	128	471071	49.77	ng		97
9) Benzaldehyde	6.21	77	223481	36.92	ng		99
10) Phenol	6.32	94	268031	21.64	ng	#	50
11) bis(2-Chloroethyl)ether	6.40	93	532997	55.74	ng		99
12) 1,3-Dichlorobenzene	6.60	146	561156	54.15	ng		98
13) 1,4-Dichlorobenzene	6.68	146	567691	53.78	ng		98
14) 1,2-Dichlorobenzene	6.84	146	534581	54.95	ng		98
15) Benzyl Alcohol	6.82	79	325369	38.38	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.95	45	923912	49.65	ng		87
17) 2-Methylphenol	6.93	107	332700	39.39	ng		95
18) Hexachloroethane	7.17	117	217036	55.02	ng		99
19) n-Nitroso-di-n-propylamine	7.09	70	402167	57.29	ng		99
20) 3+4-Methylphenols	7.09	107	378693	36.66	ng		89
22) Acetophenone	7.08	105	771806	56.71	ng	#	97
24) Nitrobenzene	7.26	77	597751	52.89	ng		99
25) Isophorone	7.50	82	1116470	51.55	ng		98
26) 2-Nitrophenol	7.57	139	305568	54.12	ng		96
27) 2,4-Dimethylphenol	7.62	122	425402	49.96	ng		95
28) bis(2-Chloroethoxy)methane	7.71	93	709011	55.64	ng		99
29) 2,4-Dichlorophenol	7.82	162	441037	50.53	ng		98
30) 1,2,4-Trichlorobenzene	7.89	180	500368	50.59	ng		100
31) Naphthalene	7.97	128	1610007	52.65	ng		99
32) Benzoic acid	7.73	122	121149	16.20	ng		98
33) 4-Chloroaniline	8.03	127	446505	33.54	ng		98
34) Hexachlorobutadiene	8.09	225	288670	48.76	ng		99
35) Caprolactam	8.42	113	29212m	10.94	ng		
36) 4-Chloro-3-methylphenol	8.51	107	458135	48.48	ng		96
37) 2-Methylnaphthalene	8.66	142	1099468	53.03	ng		99
38) 1-Methylnaphthalene	8.76	142	1045443	53.50	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.83	216	484451	51.38	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	450565	84.04	ng		98
43) 2,4,6-Trichlorophenol	8.95	196	333152	51.17	ng		99
44) 2,4,5-Trichlorophenol	8.99	196	351368	47.92	ng		98
46) 1,1'-Biphenyl	9.13	154	1322092	52.47	ng		98
47) 2-Chloronaphthalene	9.16	162	1031203	53.13	ng		97
48) 2-Nitroaniline	9.26	65	375162	53.34	ng		96
49) Acenaphthylene	9.57	152	1572564	53.28	ng		99
50) Dimethylphthalate	9.45	163	1223862	53.01	ng		100
51) 2,6-Dinitrotoluene	9.50	165	275362	54.46	ng		98
52) Acenaphthene	9.74	154	961456	48.83	ng		99
53) 3-Nitroaniline	9.67	138	192748	33.38	ng		92
54) 2,4-Dinitrophenol	9.78	184	301058	99.46	ng		89
55) Dibenzofuran	9.92	168	1423286	52.68	ng		99
56) 4-Nitrophenol	9.84	139	154052	35.86	ng		94
57) 2,4-Dinitrotoluene	9.90	165	351021	52.69	ng	#	91
58) Fluorene	10.26	166	1134801	52.51	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.03	232	293416	52.32	ng		99
60) Diethylphthalate	10.14	149	1243867	51.98	ng		100
61) 4-Chlorophenyl-phenylether	10.25	204	541848	48.92	ng		98
62) 4-Nitroaniline	10.29	138	283031	51.43	ng		99
63) Azobenzene	10.41	77	1182206	55.13	ng		98
65) 4,6-Dinitro-2-methylphenol	10.32	198	201718	54.68	ng		85
66) n-Nitrosodiphenylamine	10.37	169	1042057	55.96	ng		99
67) 4-Bromophenyl-phenylether	10.74	248	336041	48.26	ng		95
68) Hexachlorobenzene	10.80	284	365681	51.77	ng	#	92
69) Atrazine	10.90	200	300035	57.91	ng		99
70) Pentachlorophenol	11.00	266	345720	84.93	ng		98
71) Phenanthrene	11.22	178	1562056	52.42	ng		99
72) Anthracene	11.27	178	1613010	52.99	ng		98
73) Carbazole	11.42	167	1552419	53.93	ng		98
74) Di-n-butylphthalate	11.76	149	1871960	49.46	ng		99
75) Fluoranthene	12.40	202	1709377	53.16	ng		99
77) Benzidine	12.52	184	514170	38.66	ng		98
78) Pyrene	12.63	202	1726177	52.04	ng		98
80) Butylbenzylphthalate	13.25	149	816693	50.74	ng		96
81) Benzo(a)anthracene	13.82	228	1347475	52.06	ng		99
82) 3,3'-Dichlorobenzidine	13.78	252	371236	38.44	ng		99
83) Chrysene	13.86	228	1395698	53.07	ng		98
84) Bis(2-ethylhexyl)phthalate	13.82	149	1108143	50.84	ng		98
85) Di-n-octyl phthalate	14.43	149	1856898	50.04	ng		99
86) Indeno(1,2,3-cd)pyrene	16.58	276	1241088	53.53	ng		99
88) Benzo(b)fluoranthene	14.83	252	1279755	50.28	ng		99
89) Benzo(k)fluoranthene	14.86	252	1261592	57.45	ng		99
90) Benzo(a)pyrene	15.17	252	1125395	52.59	ng		98
91) Dibenzo(a,h)anthracene	16.60	278	1022882	53.96	ng		99
92) Benzo(g,h,i)perylene	16.99	276	1004540	53.69	ng		97

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

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