Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
Data File : BF120155.D
Acq On : 23 Apr 2020 6:06
Operator : MA/SJ
Sample : L2123-14MS
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TR-05-042020MS

Manual Integrations APPROVED
mohammad
4/24/2020 4:18:12 AM

Quant Time: Apr 23 06:54:18 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	145488	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	567088	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	282060	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	535562	20.00	ng		0.00
76) Chrysene-d12	13.84	240	391202	20.00	ng		-0.01
87) Perylene-d12	15.24	264	332859	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	894659	106.27	ng		0.01
7) Phenol-d6	6.32	99	1055951	97.34	ng		0.00
23) Nitrobenzene-d5	7.25	82	769088	70.16	ng		0.00
42) 2,4,6-Tribromophenol	10.51	330	326843	94.64	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1475554	74.27	ng		0.00
79) Terphenyl-d14	12.79	244	1653127	71.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	124775	33.28	ng		95
3) Pyridine	3.07	79	287369	27.93	ng		94
4) n-Nitrosodimethylamine	3.00	42	187348	35.64	ng		99
6) Aniline	6.34	93	389364	27.35	ng	#	65
8) 2-Chlorophenol	6.46	128	387445	41.19	ng		98
9) Benzaldehyde	6.22	77	97349	10.95	ng		100
10) Phenol	6.33	94	428765	34.84	ng		80
11) bis(2-Chloroethyl)ether	6.42	93	372153	39.16	ng		100
12) 1,3-Dichlorobenzene	6.62	146	352366	34.22	ng		98
13) 1,4-Dichlorobenzene	6.69	146	362127	34.52	ng		98
14) 1,2-Dichlorobenzene	6.85	146	341068	35.28	ng		99
15) Benzyl Alcohol	6.83	79	324749	38.54	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.96	45	620242	33.54	ng		93
17) 2-Methylphenol	6.95	107	308746	36.78	ng		98
18) Hexachloroethane	7.19	117	134195	34.23	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	273728	39.24	ng		97
20) 3+4-Methylphenols	7.10	107	383043	37.31	ng		89
22) Acetophenone	7.09	105	529053	39.84	ng	#	94
24) Nitrobenzene	7.26	77	409756	37.16	ng		100
25) Isophorone	7.50	82	762622	36.09	ng		98
26) 2-Nitrophenol	7.58	139	210167	38.15	ng		92
27) 2,4-Dimethylphenol	7.63	122	326690	39.32	ng		98
28) bis(2-Chloroethoxy)methane	7.72	93	473820	38.11	ng		99
29) 2,4-Dichlorophenol	7.83	162	320821	37.67	ng		97
30) 1,2,4-Trichlorobenzene	7.90	180	335811	34.80	ng		100
31) Naphthalene	7.99	128	1099922	36.87	ng		98
32) Benzoic acid	7.71	122	38586	5.29	ng		99
33) 4-Chloroaniline	8.03	127	282826	21.77	ng		99
34) Hexachlorobutadiene	8.10	225	185598	32.13	ng		98
35) Caprolactam	8.40	113	79990m	30.70	ng		
36) 4-Chloro-3-methylphenol	8.53	107	349721	37.93	ng		99
37) 2-Methylnaphthalene	8.67	142	749991	37.08	ng		97
38) 1-Methylnaphthalene	8.77	142	708908	37.18	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	330625	37.11	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	275972	54.48	ng		99
43) 2,4,6-Trichlorophenol	8.96	196	232464	37.79	ng		99
44) 2,4,5-Trichlorophenol	9.00	196	245242	35.39	ng		97
46) 1,1'-Biphenyl	9.14	154	910201	38.23	ng		98
47) 2-Chloronaphthalene	9.16	162	705664	38.48	ng		100
48) 2-Nitroaniline	9.26	65	258045	38.83	ng		100
49) Acenaphthylene	9.58	152	1095087	39.26	ng		98
50) Dimethylphthalate	9.45	163	829250	38.01	ng		100
51) 2,6-Dinitrotoluene	9.51	165	186253	38.99	ng		98
52) Acenaphthene	9.75	154	660345	35.49	ng		99
53) 3-Nitroaniline	9.67	138	174384	31.96	ng		99
54) 2,4-Dinitrophenol	9.79	184	40317	14.10	ng		96
55) Dibenzofuran	9.92	168	990240	38.78	ng		100
56) 4-Nitrophenol	9.85	139	236683	58.30	ng		96
57) 2,4-Dinitrotoluene	9.92	165	240321	38.18	ng		94
58) Fluorene	10.27	166	789491	38.66	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	196870	37.15	ng		98
60) Diethylphthalate	10.15	149	829019	36.66	ng		99
61) 4-Chlorophenyl-phenylether	10.26	204	370459	35.40	ng		98
62) 4-Nitroaniline	10.29	138	200566	38.57	ng		99
63) Azobenzene	10.42	77	784080	38.69	ng		97
65) 4,6-Dinitro-2-methylphenol	10.32	198	54709	15.51	ng		94
66) n-Nitrosodiphenylamine	10.38	169	705461	39.61	ng		99
67) 4-Bromophenyl-phenylether	10.75	248	227206	34.11	ng		94
68) Hexachlorobenzene	10.82	284	249719	36.96	ng	#	92
69) Atrazine	10.91	200	210504	42.48	ng		98
70) Pentachlorophenol	11.01	266	177620	45.62	ng		98
71) Phenanthrene	11.23	178	1133115	39.75	ng		98
72) Anthracene	11.28	178	1169659	40.17	ng		98
73) Carbazole	11.43	167	1090883	39.62	ng		97
74) Di-n-butylphthalate	11.77	149	1313487	36.29	ng		100
75) Fluoranthene	12.42	202	1253693	40.76	ng		95
77) Benzidine	12.54	184	460004	34.79	ng		96
78) Pyrene	12.64	202	1273853	38.63	ng		97
80) Butylbenzylphthalate	13.27	149	549518	34.34	ng		96
81) Benzo(a)anthracene	13.83	228	1000481	38.88	ng		99
82) 3,3'-Dichlorobenzidine	13.80	252	304543	31.71	ng		98
83) Chrysene	13.87	228	1026589	39.26	ng		98
84) Bis(2-ethylhexyl)phthalate	13.83	149	687921	31.74	ng		99
85) Di-n-octyl phthalate	14.44	149	1195331	32.40	ng		98
86) Indeno(1,2,3-cd)pyrene	16.60	276	879408	38.15	ng		100
88) Benzo(b)fluoranthene	14.85	252	925559	38.65	ng		99
89) Benzo(k)fluoranthene	14.88	252	853252	41.30	ng		99
90) Benzo(a)pyrene	15.19	252	783099	38.90	ng		98
91) Dibenzo(a,h)anthracene	16.62	278	730194	40.94	ng		98
92) Benzo(g,h,i)perylene	17.02	276	726810	41.29	ng		98

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

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