Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100520\
Data File : BF121815.D
Acq On : 5 Oct 2020 13:12
Operator : JU/CG
Sample : L4200-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB-2020-WS-000-01MS

Manual Integrations APPROVED
mohammad
10/7/2020 10:35:54 AM

Quant Time: Oct 05 14:07:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 01 14:29:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	107303	20.00	ng		0.00
21) Naphthalene-d8	8.05	136	417707	20.00	ng		0.00
39) Acenaphthene-d10	9.80	164	219695	20.00	ng		0.00
64) Phenanthrene-d10	11.29	188	424856	20.00	ng		0.00
76) Chrysene-d12	13.93	240	355150	20.00	ng		0.00
86) Perylene-d12	15.36	264	324199	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	804753	111.46	ng		0.01
7) Phenol-d6	6.42	99	942445	99.49	ng		0.00
23) Nitrobenzene-d5	7.33	82	760676	97.78	ng		0.00
42) 2,4,6-Tribromophenol	10.59	330	362620	132.80	ng		-0.01
45) 2-Fluorobiphenyl	9.13	172	1335764	92.08	ng		0.00
79) Terphenyl-d14	12.87	244	1571055	89.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	122803	37.021	ng	#	83
3) Pyridine	3.31	79	285995	31.187	ng		99
4) n-Nitrosodimethylamine	3.23	42	176948	41.600	ng		98
6) Aniline	6.43	93	216164	17.521	ng	#	63
8) 2-Chlorophenol	6.56	128	342335	46.568	ng		95
9) Benzaldehyde	6.32	77	35595	5.748	ng		96
10) Phenol	6.43	94	375447	37.220	ng		91
11) bis(2-Chloroethyl)ether	6.50	93	357685	47.048	ng		97
12) 1,3-Dichlorobenzene	6.70	146	344738	42.014	ng		99
13) 1,4-Dichlorobenzene	6.78	146	350359	42.525	ng		99
14) 1,2-Dichlorobenzene	6.93	146	334066	44.015	ng		98
15) Benzyl Alcohol	6.92	79	311733	48.417	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.05	45	539137	44.069	ng		92
17) 2-Methylphenol	7.03	107	274718	43.920	ng		95
18) Hexachloroethane	7.27	117	127356	43.171	ng		97
19) n-Nitroso-di-n-propylamine	7.19	70	247969	45.421	ng		97
20) 3+4-Methylphenols	7.19	107	333764	44.412	ng	#	77
22) Acetophenone	7.18	105	467804	44.141	ng		94
24) Nitrobenzene	7.35	77	381314	45.318	ng		99
25) Isophorone	7.59	82	692903	44.245	ng		100
26) 2-Nitrophenol	7.67	139	182269	46.120	ng		99
27) 2,4-Dimethylphenol	7.71	122	304464	43.553	ng		99
28) bis(2-Chloroethoxy)methane	7.80	93	443180	45.712	ng		99
29) 2,4-Dichlorophenol	7.92	162	290070	45.558	ng		96
30) 1,2,4-Trichlorobenzene	7.99	180	292830	43.669	ng		99
31) Naphthalene	8.07	128	974730	44.205	ng		99
32) Benzoic acid	7.86	122	170464	34.896	ng		99
33) 4-Chloroaniline	8.12	127	147814	15.465	ng		97
34) Hexachlorobutadiene	8.19	225	175165	44.503	ng		100
35) Caprolactam	8.50	113	77642m	36.618	ng		
36) 4-Chloro-3-methylphenol	8.62	107	314757	45.890	ng		100
37) 2-Methylnaphthalene	8.76	142	645902	44.698	ng		98
38) 1-Methylnaphthalene	8.86	142	602840	44.826	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.93	216	306641	44.683	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.92	237	200090	51.056 ng	99
43) 2,4,6-Trichlorophenol	9.05	196	209917	44.877 ng	99
44) 2,4,5-Trichlorophenol	9.09	196	223611	45.220 ng	98
46) 1,1'-Biphenyl	9.23	154	787426	44.771 ng	98
47) 2-Chloronaphthalene	9.25	162	615273	44.393 ng	98
48) 2-Nitroaniline	9.35	65	212306	49.294 ng	99
49) Acenaphthylene	9.66	152	960040	45.082 ng	99
50) Dimethylphthalate	9.53	163	777407	48.822 ng	100
51) 2,6-Dinitrotoluene	9.59	165	167955	49.528 ng	96
52) Acenaphthene	9.83	154	567035	42.158 ng	100
53) 3-Nitroaniline	9.76	138	107674	27.409 ng	95
54) 2,4-Dinitrophenol	9.88	184	171254	86.703 ng	95
55) Dibenzofuran	10.01	168	845551	44.640 ng	100
56) 4-Nitrophenol	9.95	139	219336	70.011 ng	94
57) 2,4-Dinitrotoluene	10.00	165	217219	50.916 ng	94
58) Fluorene	10.35	166	676364	46.694 ng	100
59) 2,3,4,6-Tetrachlorophenol	10.13	232	188194	46.813 ng	97
60) Diethylphthalate	10.23	149	742726	47.841 ng	99
61) 4-Chlorophenyl-phenylether	10.34	204	324022	46.697 ng	95
62) 4-Nitroaniline	10.38	138	169687	43.504 ng	99
63) Azobenzene	10.50	77	754000	45.607 ng	97
65) 4,6-Dinitro-2-methylphenol	10.41	198	126121	48.323 ng	91
66) n-Nitrosodiphenylamine	10.46	169	644754	44.234 ng	99
67) 4-Bromophenyl-phenylether	10.83	248	219276	45.331 ng	94
68) Hexachlorobenzene	10.90	284	245320	44.940 ng	100
69) Atrazine	10.99	200	159046	43.920 ng	99
70) Pentachlorophenol	11.10	266	236283	78.815 ng	98
71) Phenanthrene	11.31	178	1027210	44.376 ng	99
72) Anthracene	11.36	178	1060826	44.409 ng	100
73) Carbazole	11.52	167	961322	44.596 ng	99
74) Di-n-butylphthalate	11.84	149	1196617	48.096 ng	100
75) Fluoranthene	12.50	202	1134333	45.905 ng	100
77) Benzidine	12.62	184	52126	4.427 ng	99
78) Pyrene	12.73	202	1160106	44.708 ng	100
80) Butylbenzylphthalate	13.34	149	533941	50.879 ng	98
81) Benzo(a)anthracene	13.92	228	1030079	45.845 ng	99
82) 3,3'-Dichlorobenzidine	13.88	252	278980	31.804 ng	99
83) Chrysene	13.96	228	1025690	45.081 ng	99
84) Bis(2-ethylhexyl)phthalate	13.90	149	740352	52.808 ng	99
85) Di-n-octyl phthalate	14.52	149	1292947	52.258 ng	99
87) Indeno(1,2,3-cd)pyrene	16.79	276	1001331	47.428 ng	100
88) Benzo(b)fluoranthene	14.95	252	1091067	50.342 ng	99
89) Benzo(k)fluoranthene	14.98	252	881459	44.413 ng	99
90) Benzo(a)pyrene	15.30	252	868341	47.134 ng	98
91) Dibenzo(a,h)anthracene	16.80	278	823955	46.882 ng	99
92) Benzo(g,h,i)perylene	17.21	276	827312	47.889 ng	99

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

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