Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091520\
Data File : BF121577.D
Acq On : 15 Sep 2020 14:58
Operator : JU/CG
Sample : L3998-03MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FK-EF-01-TEST1-ABCD-BMS

Manual Integrations APPROVED
mohammad
9/16/2020 10:14:44 AM

Quant Time: Sep 15 15:31:09 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 10 16:47:54 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	210417	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	828141	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	437437	20.00	ng		0.00
64) Phenanthrene-d10	11.36	188	833613	20.00	ng		0.00
76) Chrysene-d12	14.00	240	638908	20.00	ng		0.00
86) Perylene-d12	15.44	264	525870	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1138588	80.42	ng		0.02
7) Phenol-d6	6.47	99	1466441	78.95	ng		0.01
23) Nitrobenzene-d5	7.40	82	1009686	65.46	ng		0.00
42) 2,4,6-Tribromophenol	10.66	330	482862	88.81	ng		0.00
45) 2-Fluorobiphenyl	9.19	172	1704211	59.00	ng		0.00
79) Terphenyl-d14	12.94	244	1886965	59.83	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	229031	35.210	ng		100
3) Pyridine	3.40	79	657339	36.555	ng		100
4) n-Nitrosodimethylamine	3.36	42	322219	38.630	ng		100
6) Aniline	6.50	93	587767	24.295	ng		93
8) 2-Chlorophenol	6.62	128	595867	41.335	ng		99
9) Benzaldehyde	6.38	77	276889	22.802	ng		99
10) Phenol	6.49	94	786839	39.778	ng		80
11) bis(2-Chloroethyl)ether	6.57	93	601214	40.327	ng		100
12) 1,3-Dichlorobenzene	6.77	146	621097	38.601	ng		100
13) 1,4-Dichlorobenzene	6.85	146	618415	38.277	ng		99
14) 1,2-Dichlorobenzene	7.00	146	607052	40.788	ng		99
15) Benzyl Alcohol	6.98	79	516026	40.871	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.11	45	937538	39.080	ng		90
17) 2-Methylphenol	7.10	107	485714	39.599	ng		94
18) Hexachloroethane	7.35	117	224902	38.878	ng		100
19) n-Nitroso-di-n-propylamine	7.25	70	418579	39.099	ng		99
20) 3+4-Methylphenols	7.25	107	575576	39.056	ng	#	87
22) Acetophenone	7.25	105	776018	36.933	ng		96
24) Nitrobenzene	7.42	77	648924	38.900	ng		99
25) Isophorone	7.66	82	1173716	37.802	ng		100
26) 2-Nitrophenol	7.73	139	305620	39.400	ng		97
27) 2,4-Dimethylphenol	7.77	122	525406	37.909	ng		100
28) bis(2-Chloroethoxy)methane	7.87	93	753223	39.187	ng		100
29) 2,4-Dichlorophenol	7.98	162	491932	38.970	ng		99
30) 1,2,4-Trichlorobenzene	8.06	180	508563	38.253	ng		100
31) Naphthalene	8.14	128	1642681	37.576	ng		100
32) Benzoic acid	7.92	122	356860	36.460	ng		97
33) 4-Chloroaniline	8.19	127	315774	16.664	ng		98
34) Hexachlorobutadiene	8.26	225	304713	39.048	ng		100
35) Caprolactam	8.56	113	168952m	40.191	ng		
36) 4-Chloro-3-methylphenol	8.68	107	538923	39.631	ng		99
37) 2-Methylnaphthalene	8.83	142	1085182	37.879	ng		99
38) 1-Methylnaphthalene	8.93	142	1014887	38.064	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	505873	37.022	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF091020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	434653	55.702	ng		99
43) 2,4,6-Trichlorophenol	9.11	196	363551	39.034	ng		100
44) 2,4,5-Trichlorophenol	9.16	196	385555	39.158	ng		96
46) 1,1'-Biphenyl	9.29	154	1301890	37.176	ng		99
47) 2-Chloronaphthalene	9.32	162	1028597	37.273	ng		97
48) 2-Nitroaniline	9.42	65	354483	41.336	ng		99
49) Acenaphthylene	9.73	152	1597695	37.680	ng		100
50) Dimethylphthalate	9.60	163	1403912	44.281	ng		98
51) 2,6-Dinitrotoluene	9.66	165	283100	41.928	ng	#	88
52) Acenaphthene	9.90	154	1050870m	39.239	ng		
53) 3-Nitroaniline	9.83	138	177021	22.632	ng		91
54) 2,4-Dinitrophenol	9.93	184	191432	52.644	ng		99
55) Dibenzofuran	10.08	168	1429029	37.890	ng		99
56) 4-Nitrophenol	10.00	139	484431	77.659	ng		98
57) 2,4-Dinitrotoluene	10.06	165	377637	44.457	ng		98
58) Fluorene	10.42	166	1078933	37.409	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.20	232	320878	40.087	ng		98
60) Diethylphthalate	10.30	149	1248964	40.405	ng		99
61) 4-Chlorophenyl-phenylether	10.41	204	535630	38.769	ng		98
62) 4-Nitroaniline	10.45	138	265443	34.179	ng		99
63) Azobenzene	10.57	77	1267947	38.518	ng		97
65) 4,6-Dinitro-2-methylphenol	10.47	198	145255	31.194	ng		96
66) n-Nitrosodiphenylamine	10.53	169	1079852	37.758	ng		98
67) 4-Bromophenyl-phenylether	10.90	248	369467	38.928	ng		94
68) Hexachlorobenzene	10.97	284	410364	38.313	ng		94
69) Atrazine	11.06	200	269564	37.938	ng		98
70) Pentachlorophenol	11.16	266	427656	72.702	ng		99
71) Phenanthrene	11.38	178	1678983	36.967	ng		99
72) Anthracene	11.43	178	1736645	37.052	ng		99
73) Carbazole	11.59	167	1579842	37.352	ng		100
74) Di-n-butylphthalate	11.92	149	1975420	40.466	ng		100
75) Fluoranthene	12.57	202	1837859	37.906	ng		99
77) Benzidine	12.69	184	1049450	49.547	ng		99
78) Pyrene	12.80	202	1861352	39.874	ng		99
80) Butylbenzylphthalate	13.42	149	885653	46.912	ng		95
81) Benzo(a)anthracene	13.99	228	1550328	38.355	ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	539750	34.204	ng		98
83) Chrysene	14.02	228	1542120	37.676	ng		99
84) Bis(2-ethylhexyl)phthalate	13.97	149	1167153	46.277	ng		100
85) Di-n-octyl phthalate	14.59	149	2088516	46.922	ng		100
87) Indeno(1,2,3-cd)pyrene	16.89	276	1426990	41.668	ng		99
88) Benzo(b)fluoranthene	15.03	252	1465026	41.673	ng		99
89) Benzo(k)fluoranthene	15.06	252	1319552	40.989	ng		98
90) Benzo(a)pyrene	15.39	252	1211910	40.555	ng		98
91) Dibenzo(a,h)anthracene	16.91	278	1173178	41.153	ng		99
92) Benzo(g,h,i)perylene	17.33	276	1190346	42.478	ng		98

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

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