Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF091620\
Data File : BF121595.D
Acq On : 16 Sep 2020 14:04
Operator : JU/CG
Sample : L3998-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
9/18/2020 11:28:14 AM

Quant Time: Sep 16 14:39:02 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	6.82	152	191762	20.00	ng		-0.01
21) Naphthalene-d8	8.11	136	757970	20.00	ng		0.00
39) Acenaphthene-d10	9.86	164	390703	20.00	ng		0.00
64) Phenanthrene-d10	11.35	188	711718	20.00	ng		0.00
76) Chrysene-d12	13.98	240	487517	20.00	ng		-0.01
86) Perylene-d12	15.43	264	389318	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.46	112	1037133	80.38	ng		0.01
7) Phenol-d6	6.47	99	1364559	80.61	ng		0.00
23) Nitrobenzene-d5	7.39	82	933181	66.10	ng		-0.01
42) 2,4,6-Tribromophenol	10.65	330	421086	86.72	ng		0.00
45) 2-Fluorobiphenyl	9.18	172	1584117	61.41	ng		-0.01
79) Terphenyl-d14	12.93	244	1558321	64.76	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	211967	35.757	ng		99
3) Pyridine	3.40	79	621711	37.937	ng		99
4) n-Nitrosodimethylamine	3.36	42	296252	38.972	ng		100
6) Aniline	6.49	93	321522	14.583	ng	#	75
8) 2-Chlorophenol	6.61	128	547265	41.656	ng		100
9) Benzaldehyde	6.37	77	256379	23.167	ng		96
10) Phenol	6.48	94	722993	40.106	ng		94
11) bis(2-Chloroethyl)ether	6.56	93	550700	40.532	ng		97
12) 1,3-Dichlorobenzene	6.76	146	573778	39.129	ng		98
13) 1,4-Dichlorobenzene	6.84	146	577164	39.199	ng		98
14) 1,2-Dichlorobenzene	6.99	146	556140	41.002	ng		99
15) Benzyl Alcohol	6.97	79	490580	42.636	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.10	45	851280	38.936	ng		92
17) 2-Methylphenol	7.09	107	445480	39.852	ng		95
18) Hexachloroethane	7.33	117	214065	40.604	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	379920	38.940	ng		99
20) 3+4-Methylphenols	7.24	107	530739	39.517	ng		95
22) Acetophenone	7.23	105	719197	37.398	ng		96
24) Nitrobenzene	7.41	77	591310	38.728	ng		96
25) Isophorone	7.65	82	1072468	37.739	ng		99
26) 2-Nitrophenol	7.72	139	289237	40.653	ng		94
27) 2,4-Dimethylphenol	7.76	122	479923	37.833	ng		98
28) bis(2-Chloroethoxy)methane	7.86	93	674934	38.364	ng		99
29) 2,4-Dichlorophenol	7.97	162	444923	38.509	ng		99
30) 1,2,4-Trichlorobenzene	8.05	180	472533	38.834	ng		98
31) Naphthalene	8.13	128	1529059	38.215	ng		100
32) Benzoic acid	7.90	122	334716	37.192	ng		99
33) 4-Chloroaniline	8.17	127	172499	9.946	ng		98
34) Hexachlorobutadiene	8.25	225	280797	39.315	ng		100
35) Caprolactam	8.56	113	144470m	37.549	ng		
36) 4-Chloro-3-methylphenol	8.67	107	486890	39.120	ng		99
37) 2-Methylnaphthalene	8.82	142	1000123	38.141	ng		99
38) 1-Methylnaphthalene	8.92	142	936617	38.380	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.99	216	457071	37.452	ng		99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.97	237	491793	70.563	ng		99
43) 2,4,6-Trichlorophenol	9.10	196	329014	39.552	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	342388	38.934	ng		96
46) 1,1'-Biphenyl	9.29	154	1183506	37.838	ng		98
47) 2-Chloronaphthalene	9.31	162	922126	37.412	ng		98
48) 2-Nitroaniline	9.40	65	316963	41.382	ng		98
49) Acenaphthylene	9.73	152	1450830	38.310	ng		99
50) Dimethylphthalate	9.59	163	1254447	44.299	ng		99
51) 2,6-Dinitrotoluene	9.65	165	251393	41.686	ng	#	86
52) Acenaphthene	9.90	154	965257m	40.354	ng		
53) 3-Nitroaniline	9.81	138	117617	16.836	ng		100
54) 2,4-Dinitrophenol	9.92	184	212181	63.150	ng		92
55) Dibenzofuran	10.07	168	1274110	37.824	ng		99
56) 4-Nitrophenol	9.99	139	409306	73.464	ng		97
57) 2,4-Dinitrotoluene	10.05	165	334747	44.121	ng		96
58) Fluorene	10.41	166	971654	37.719	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.19	232	282827	39.560	ng		97
60) Diethylphthalate	10.29	149	1079014	39.082	ng		100
61) 4-Chlorophenyl-phenylether	10.40	204	469455	38.043	ng		97
62) 4-Nitroaniline	10.43	138	221538	31.937	ng		97
63) Azobenzene	10.56	77	1103282	37.525	ng		98
65) 4,6-Dinitro-2-methylphenol	10.46	198	154531	37.184	ng		97
66) n-Nitrosodiphenylamine	10.52	169	947131	38.789	ng		99
67) 4-Bromophenyl-phenylether	10.89	248	317848	39.225	ng		96
68) Hexachlorobenzene	10.96	284	355928	38.922	ng		96
69) Atrazine	11.05	200	229418	37.818	ng		98
70) Pentachlorophenol	11.16	266	368838	73.442	ng		99
71) Phenanthrene	11.37	178	1462780	37.723	ng		99
72) Anthracene	11.42	178	1515473	37.871	ng		100
73) Carbazole	11.57	167	1348724	37.349	ng		100
74) Di-n-butylphthalate	11.91	149	1599355	38.374	ng		100
75) Fluoranthene	12.56	202	1544097	37.302	ng		99
77) Benzidine	12.67	184	583631	36.111	ng		99
78) Pyrene	12.79	202	1551753	43.565	ng		100
80) Butylbenzylphthalate	13.40	149	672947	46.714	ng		96
81) Benzo(a)anthracene	13.97	228	1208868	39.195	ng		99
82) 3,3'-Dichlorobenzidine	13.93	252	271573	22.554	ng		100
83) Chrysene	14.01	228	1198397	38.370	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	841347	43.718	ng		99
85) Di-n-octyl phthalate	14.57	149	1428466	42.059	ng		100
87) Indeno(1,2,3-cd)pyrene	16.87	276	1119112	44.140	ng		99
88) Benzo(b)fluoranthene	15.02	252	1078366	41.434	ng		98
89) Benzo(k)fluoranthene	15.04	252	967581	40.598	ng		98
90) Benzo(a)pyrene	15.37	252	898876	40.630	ng		99
91) Dibenzo(a,h)anthracene	16.89	278	915763	43.391	ng		99
92) Benzo(g,h,i)perylene	17.32	276	950756	45.829	ng		97

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

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