Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012920\
Data File : BF118738.D
Acq On : 29 Jan 2020 18:22
Operator : CG/JU
Sample : L1013-12MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PL-05-012820MS

Manual Integrations APPROVED
mohammad
1/30/2020 10:18:18 AM

Quant Time: Jan 30 01:02:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	277639	20.00	ng		-0.01
21) Naphthalene-d8	8.13	136	1029466	20.00	ng		-0.01
39) Acenaphthene-d10	9.89	164	551815	20.00	ng		-0.01
64) Phenanthrene-d10	11.37	188	980118	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	629542	20.00	ng		-0.02
87) Perylene-d12	15.46	264	706582	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1840477	123.12	ng		0.00
7) Phenol-d6	6.49	99	2094656	107.81	ng		0.00
23) Nitrobenzene-d5	7.41	82	1607326	87.33	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	858821	134.56	ng		-0.01
45) 2-Fluorobiphenyl	9.21	172	3079021	91.71	ng		-0.01
79) Terphenyl-d14	12.95	244	3310333	114.69	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	293010	40.468	ng	#	87
3) Pyridine	3.50	79	639421	31.333	ng		100
4) n-Nitrosodimethylamine	3.43	42	324227	37.058	ng		100
6) Aniline	6.51	93	249567	9.755	ng		97
8) 2-Chlorophenol	6.64	128	855458	50.983	ng		96
9) Benzaldehyde	6.40	77	415745	35.184	ng		97
10) Phenol	6.50	94	859477	38.816	ng		95
11) bis(2-Chloroethyl)ether	6.59	93	794802	48.380	ng		97
12) 1,3-Dichlorobenzene	6.79	146	935814	47.650	ng		99
13) 1,4-Dichlorobenzene	6.87	146	959626	48.677	ng		99
14) 1,2-Dichlorobenzene	7.02	146	887385	47.883	ng		99
15) Benzyl Alcohol	6.99	79	728275	47.265	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	924883	40.418	ng		98
17) 2-Methylphenol	7.10	107	671324	48.032	ng		99
18) Hexachloroethane	7.36	117	332822	46.558	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	564241	43.008	ng		99
20) 3+4-Methylphenols	7.26	107	772884	45.293	ng	#	81
22) Acetophenone	7.26	105	1078921	44.241	ng		97
24) Nitrobenzene	7.43	77	862236	45.753	ng		99
25) Isophorone	7.67	82	1567871	46.705	ng		100
26) 2-Nitrophenol	7.75	139	470168	58.504	ng		98
27) 2,4-Dimethylphenol	7.79	122	719231	51.827	ng		99
28) bis(2-Chloroethoxy)methane	7.88	93	975225	45.086	ng		100
29) 2,4-Dichlorophenol	7.99	162	746634	48.669	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	838073	47.116	ng		99
31) Naphthalene	8.15	128	2363133	50.815	ng		100
32) Benzoic acid	7.90	122	450098	43.216	ng		98
33) 4-Chloroaniline	8.19	127	134317	6.249	ng		99
34) Hexachlorobutadiene	8.27	225	499083	46.074	ng		98
35) Caprolactam	8.56	113	178786m	35.612	ng		
36) 4-Chloro-3-methylphenol	8.68	107	734905	48.511	ng		99
37) 2-Methylnaphthalene	8.85	142	1662580	50.649	ng		99
38) 1-Methylnaphthalene	8.95	142	1559034	49.992	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	807078	46.744	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	802663	92.141	ng		99
43) 2,4,6-Trichlorophenol	9.12	196	566035	49.404	ng		100
44) 2,4,5-Trichlorophenol	9.16	196	582749	49.802	ng		98
46) 1,1'-Biphenyl	9.31	154	1962092	51.592	ng		100
47) 2-Chloronaphthalene	9.33	162	1582162	49.357	ng		99
48) 2-Nitroaniline	9.42	65	423338	42.962	ng		99
49) Acenaphthylene	9.75	152	2399267	53.204	ng		99
50) Dimethylphthalate	9.61	163	1927059	53.602	ng		99
51) 2,6-Dinitrotoluene	9.67	165	429772	53.384	ng		89
52) Acenaphthene	9.92	154	1605954	53.258	ng		100
53) 3-Nitroaniline	9.83	138	86209	9.378	ng		96
54) 2,4-Dinitrophenol	9.94	184	353642	110.032	ng	#	88
55) Dibenzofuran	10.09	168	2160527	51.702	ng		100
56) 4-Nitrophenol	10.00	139	597893	86.157	ng		98
57) 2,4-Dinitrotoluene	10.07	165	563777	55.551	ng		93
58) Fluorene	10.43	166	1613252	49.176	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.21	232	500123	48.593	ng		100
60) Diethylphthalate	10.31	149	1737453	49.844	ng		100
61) 4-Chlorophenyl-phenylether	10.43	204	844581	47.336	ng		96
62) 4-Nitroaniline	10.45	138	359853	38.163	ng		98
63) Azobenzene	10.59	77	1566330	46.398	ng		99
65) 4,6-Dinitro-2-methylphenol	10.48	198	277055	64.285	ng		97
66) n-Nitrosodiphenylamine	10.55	169	1505134	50.921	ng		100
67) 4-Bromophenyl-phenylether	10.92	248	585717	48.371	ng		98
68) Hexachlorobenzene	10.99	284	660335	48.100	ng		100
69) Atrazine	11.07	200	529101	51.645	ng		99
70) Pentachlorophenol	11.17	266	684958	89.739	ng		99
71) Phenanthrene	11.40	178	2354860	49.801	ng		100
72) Anthracene	11.45	178	2431865	51.976	ng		100
73) Carbazole	11.60	167	2088538	48.666	ng		100
74) Di-n-butylphthalate	11.93	149	2520548	52.863	ng		99
75) Fluoranthene	12.58	202	2436858	48.862	ng		100
77) Benzidine	12.69	184	654171	38.890	ng		99
78) Pyrene	12.81	202	2397589	56.097	ng		100
80) Butylbenzylphthalate	13.43	149	1005221	57.468	ng		97
81) Benzo(a)anthracene	14.00	228	1930011	50.964	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	228402	16.926	ng		99
83) Chrysene	14.03	228	1911371	52.662	ng		98
84) Bis(2-ethylhexyl)phthalate	13.99	149	1331853	62.322	ng		98
85) Di-n-octyl phthalate	14.60	149	2206952	69.770	ng		100
86) Indeno(1,2,3-cd)pyrene	16.93	276	2556784	81.074	ng		99
88) Benzo(b)fluoranthene	15.04	252	2009091	45.236	ng		100
89) Benzo(k)fluoranthene	15.07	252	2014963	48.969	ng		100
90) Benzo(a)pyrene	15.40	252	1878908	49.041	ng		99
91) Dibenzo(a,h)anthracene	16.94	278	2133448	62.952	ng		99
92) Benzo(g,h,i)perylene	17.37	276	2227102	67.682	ng		99

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

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