Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080620\
Data File : BF121211.D
Acq On : 6 Aug 2020 19:43
Operator : JU/CG
Sample : L3537-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : JTY1-WC-S-BL-IBMS

Manual Integrations APPROVED
mohammad
8/7/2020 1:51:01 PM

Quant Time: Aug 07 05:44:30 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 29 14:55:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	261209	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	1001192	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	521501	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	990074	20.00	ng		0.00
76) Chrysene-d12	13.97	240	680945	20.00	ng		0.00
86) Perylene-d12	15.42	264	736592	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	928611	58.28	ng		0.02
7) Phenol-d6	6.45	99	1127060	54.76	ng		0.00
23) Nitrobenzene-d5	7.36	82	768106	44.39	ng		-0.01
42) 2,4,6-Tribromophenol	10.63	330	348951	61.13	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	1381574	39.55	ng		0.00
79) Terphenyl-d14	12.91	244	1345900	42.97	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.73	88	157395	21.463	ng	#	85
4) n-Nitrosodimethylamine	3.33	42	190820	22.876	ng		97
8) 2-Chlorophenol	6.59	128	432818	24.658	ng		100
9) Benzaldehyde	6.35	77	203139	17.001	ng		97
10) Phenol	6.46	94	483069	21.336	ng		84
11) bis(2-Chloroethyl)ether	6.53	93	406640	23.435	ng		98
12) 1,3-Dichlorobenzene	6.74	146	409762	21.528	ng		99
13) 1,4-Dichlorobenzene	6.82	146	415569	21.957	ng		99
14) 1,2-Dichlorobenzene	6.96	146	401295	22.412	ng		99
15) Benzyl Alcohol	6.95	79	316344	21.734	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.07	45	553517	22.132	ng		95
17) 2-Methylphenol	7.06	107	338925	21.785	ng		100
18) Hexachloroethane	7.30	117	145165	21.191	ng		98
19) n-Nitroso-di-n-propylamine	7.22	70	258340	22.073	ng		96
20) 3+4-Methylphenols	7.22	107	390180	19.715	ng	#	89
22) Acetophenone	7.21	105	537472	23.920	ng	#	97
24) Nitrobenzene	7.38	77	434868	23.319	ng		96
25) Isophorone	7.62	82	785354	22.742	ng		98
26) 2-Nitrophenol	7.70	139	229286	25.888	ng		98
27) 2,4-Dimethylphenol	7.74	122	371338	25.823	ng		100
28) bis(2-Chloroethoxy)methane	7.83	93	501469	23.790	ng		100
29) 2,4-Dichlorophenol	7.95	162	363401	24.730	ng		99
30) 1,2,4-Trichlorobenzene	8.02	180	373976	22.939	ng		100
31) Naphthalene	8.10	128	1158948	22.567	ng		99
32) Benzoic acid	7.89	122	292582	27.104	ng		96
33) 4-Chloroaniline	8.16	127	91439	3.991	ng		97
34) Hexachlorobutadiene	8.22	225	210749	21.928	ng		99
35) Caprolactam	8.54	113	98436m	20.889	ng		
36) 4-Chloro-3-methylphenol	8.65	107	375396	24.909	ng		98
37) 2-Methylnaphthalene	8.79	142	796460	23.885	ng		100
38) 1-Methylnaphthalene	8.89	142	752128	23.815	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	378247	24.894	ng		99
41) Hexachlorocyclopentadiene	8.95	237	180623	21.509	ng		99
43) 2,4,6-Trichlorophenol	9.07	196	261981	24.488	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.12	196	285986	23.567	ng		97
46) 1,1'-Biphenyl	9.26	154	974376	24.494	ng		99
47) 2-Chloronaphthalene	9.28	162	750319	23.135	ng		98
48) 2-Nitroaniline	9.39	65	246250	25.124	ng		95
49) Acenaphthylene	9.70	152	1187866	23.576	ng		100
50) Dimethylphthalate	9.56	163	934792	24.846	ng		99
51) 2,6-Dinitrotoluene	9.63	165	203773	25.210	ng		93
52) Acenaphthene	9.87	154	774754m	24.186	ng		
53) 3-Nitroaniline	9.79	138	94776	9.349	ng		96
54) 2,4-Dinitrophenol	9.90	184	141340	34.617	ng	#	90
55) Dibenzofuran	10.05	168	1044995	22.559	ng		97
56) 4-Nitrophenol	9.97	139	325404	42.256	ng		96
57) 2,4-Dinitrotoluene	10.03	165	258647	24.367	ng	#	88
58) Fluorene	10.39	166	802757	23.235	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.17	232	241160	26.101	ng		100
60) Diethylphthalate	10.26	149	895999	23.545	ng		99
61) 4-Chlorophenyl-phenylether	10.37	204	389755	21.151	ng		99
62) 4-Nitroaniline	10.41	138	174660	17.687	ng		96
63) Azobenzene	10.54	77	831910	22.963	ng		97
65) 4,6-Dinitro-2-methylphenol	10.44	198	96192	19.286	ng		93
66) n-Nitrosodiphenylamine	10.50	169	708428	22.746	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	262550	23.785	ng		93
68) Hexachlorobenzene	10.93	284	290544	24.332	ng	#	91
69) Atrazine	11.03	200	171898	22.285	ng		99
70) Pentachlorophenol	11.13	266	333125	48.697	ng		99
71) Phenanthrene	11.35	178	1180866	23.191	ng		100
72) Anthracene	11.40	178	1230687	24.069	ng		99
73) Carbazole	11.56	167	1163872	22.937	ng		99
74) Di-n-butylphthalate	11.89	149	1387412	23.693	ng		100
75) Fluoranthene	12.54	202	1253867	22.216	ng		99
78) Pyrene	12.77	202	1253232	26.031	ng		99
80) Butylbenzylphthalate	13.38	149	575944	26.836	ng		94
81) Benzo(a)anthracene	13.96	228	1018612	24.703	ng		100
82) 3,3'-Dichlorobenzidine	13.92	252	177365	11.401	ng		100
83) Chrysene	13.99	228	1008367	23.270	ng		99
84) Bis(2-ethylhexyl)phthalate	13.94	149	751544	28.398	ng		99
85) Di-n-octyl phthalate	14.55	149	1243749	23.622	ng		99
87) Indeno(1,2,3-cd)pyrene	16.86	276	1157740	22.600	ng		99
88) Benzo(b)fluoranthene	15.00	252	1081587	24.292	ng		100
89) Benzo(k)fluoranthene	15.03	252	981327	24.167	ng		99
90) Benzo(a)pyrene	15.36	252	963525	23.719	ng		99
91) Dibenzo(a,h)anthracene	16.87	278	971118	23.207	ng		99
92) Benzo(g,h,i)perylene	17.29	276	935339	22.670	ng		99

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

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