Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF022720\
Data File : BF119106.D
Acq On : 27 Feb 2020 13:10
Operator : CG/JU
Sample : PB127120BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB127120BS

Manual Integrations APPROVED
mohammad
2/28/2020 2:41:35 PM

Quant Time: Feb 28 03:30:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 26 16:03:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	151913	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	581674	20.00	ng		0.00
39) Acenaphthene-d10	9.78	164	332641	20.00	ng		0.00
64) Phenanthrene-d10	11.27	188	626988	20.00	ng		0.00
76) Chrysene-d12	13.90	240	434739	20.00	ng		0.00
87) Perylene-d12	15.33	264	303457	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	968803	106.58	ng		0.01
7) Phenol-d6	6.40	99	1198169	108.38	ng		0.00
23) Nitrobenzene-d5	7.31	82	704483	63.95	ng		-0.01
42) 2,4,6-Tribromophenol	10.57	330	456223	104.84	ng		0.00
45) 2-Fluorobiphenyl	9.10	172	1474114	65.28	ng		0.00
79) Terphenyl-d14	12.85	244	1776160	70.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	137401	33.949	ng		98
3) Pyridine	3.26	79	333363	30.160	ng		99
4) n-Nitrosodimethylamine	3.19	42	130474	38.967	ng		98
6) Aniline	6.41	93	359449	26.350	ng		87
8) 2-Chlorophenol	6.54	128	400893	40.866	ng		99
9) Benzaldehyde	6.29	77	150540	20.381	ng		100
10) Phenol	6.41	94	470076	39.328	ng		94
11) bis(2-Chloroethyl)ether	6.49	93	358606	39.211	ng		99
12) 1,3-Dichlorobenzene	6.69	146	437848	37.239	ng		98
13) 1,4-Dichlorobenzene	6.76	146	449420	38.197	ng		98
14) 1,2-Dichlorobenzene	6.92	146	416529	38.817	ng		99
15) Benzyl Alcohol	6.89	79	339694	42.515	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	291838	36.837	ng		81
17) 2-Methylphenol	7.02	107	326696	41.076	ng		100
18) Hexachloroethane	7.26	117	160718	38.180	ng		97
19) n-Nitroso-di-n-propylamine	7.16	70	266513	41.372	ng		97
20) 3+4-Methylphenols	7.17	107	416307	42.724	ng		93
22) Acetophenone	7.16	105	536356	39.853	ng	#	97
24) Nitrobenzene	7.33	77	417180	38.294	ng		98
25) Isophorone	7.57	82	751357	39.271	ng		99
26) 2-Nitrophenol	7.65	139	227885	39.479	ng		98
27) 2,4-Dimethylphenol	7.69	122	343606	43.861	ng		97
28) bis(2-Chloroethoxy)methane	7.78	93	461357	37.047	ng		99
29) 2,4-Dichlorophenol	7.90	162	359811	39.014	ng		98
30) 1,2,4-Trichlorobenzene	7.97	180	394697	36.096	ng		99
31) Naphthalene	8.05	128	1166139	38.657	ng		98
32) Benzoic acid	7.84	122	207861	37.983	ng		96
33) 4-Chloroaniline	8.10	127	291212	22.444	ng		99
34) Hexachlorobutadiene	8.17	225	238076	34.954	ng		100
35) Caprolactam	8.48	113	117808m	41.485	ng		
36) 4-Chloro-3-methylphenol	8.60	107	376606	40.349	ng		98
37) 2-Methylnaphthalene	8.74	142	813887	40.091	ng		98
38) 1-Methylnaphthalene	8.84	142	762490	39.937	ng		96
40) 1,2,4,5-Tetrachlorobenzene	8.91	216	403241	35.955	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.90	237	180356	48.386 ng	97
43) 2,4,6-Trichlorophenol	9.03	196	264032	37.280 ng	97
44) 2,4,5-Trichlorophenol	9.07	196	279349	37.588 ng	99
46) 1,1'-Biphenyl	9.20	154	983629	36.588 ng	98
47) 2-Chloronaphthalene	9.23	162	787442	36.347 ng	97
48) 2-Nitroaniline	9.33	65	223886	37.051 ng	97
49) Acenaphthylene	9.65	152	1206963	38.573 ng	99
50) Dimethylphthalate	9.51	163	960866	37.775 ng	99
51) 2,6-Dinitrotoluene	9.57	165	216978	38.395 ng	99
52) Acenaphthene	9.82	154	713883	37.837 ng	98
53) 3-Nitroaniline	9.74	138	152107	24.279 ng	94
54) 2,4-Dinitrophenol	9.86	184	187169	69.253 ng	98
55) Dibenzofuran	9.99	168	1073279	38.112 ng	95
56) 4-Nitrophenol	9.93	139	270049	71.742 ng	97
57) 2,4-Dinitrotoluene	9.98	165	283174	38.658 ng	95
58) Fluorene	10.33	166	844463	38.590 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.12	232	242822	38.721 ng	99
60) Diethylphthalate	10.21	149	920276	38.392 ng	99
61) 4-Chlorophenyl-phenylether	10.32	204	445518	38.463 ng	96
62) 4-Nitroaniline	10.36	138	215818	33.670 ng	97
63) Azobenzene	10.48	77	815429	39.136 ng	96
65) 4,6-Dinitro-2-methylphenol	10.40	198	156404	41.224 ng	90
66) n-Nitrosodiphenylamine	10.45	169	780714	38.028 ng	100
67) 4-Bromophenyl-phenylether	10.81	248	297964	36.357 ng	95
68) Hexachlorobenzene	10.89	284	335317	35.487 ng	98
69) Atrazine	10.97	200	279668	38.989 ng	98
70) Pentachlorophenol	11.08	266	275462	72.370 ng	99
71) Phenanthrene	11.29	178	1282938	37.521 ng	99
72) Anthracene	11.35	178	1317744	38.571 ng	99
73) Carbazole	11.50	167	1156853	38.009 ng	99
74) Di-n-butylphthalate	11.83	149	1439936	39.067 ng	99
75) Fluoranthene	12.48	202	1359704	37.463 ng	99
77) Benzidine	12.60	184	281094	15.899 ng	98
78) Pyrene	12.70	202	1361980	39.015 ng	99
80) Butylbenzylphthalate	13.32	149	578389	39.367 ng	99
81) Benzo(a)anthracene	13.90	228	1132196	38.222 ng	98
82) 3,3'-Dichlorobenzidine	13.85	252	336409	29.247 ng	98
83) Chrysene	13.93	228	1073981	36.387 ng	99
84) Bis(2-ethylhexyl)phthalate	13.88	149	774406	41.721 ng	99
85) Di-n-octyl phthalate	14.49	149	1187054	40.138 ng	99
86) Indeno(1,2,3-cd)pyrene	16.74	276	881694	30.851 ng	100
88) Benzo(b)fluoranthene	14.92	252	1010478	50.518 ng	99
89) Benzo(k)fluoranthene	14.95	252	848180	45.757 ng	100
90) Benzo(a)pyrene	15.27	252	799234	44.273 ng	98
91) Dibenzo(a,h)anthracene	16.74	278	747386	47.052 ng	100
92) Benzo(g,h,i)perylene	17.16	276	744782	47.456 ng	98

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

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