Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011320\
Data File : BG044016.D
Acq On : 13 Jan 2020 17:42
Operator : JU
Sample : PB126031BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB126031BS

Manual Integrations APPROVED
mohammad
1/14/2020 12:24:46 PM

Quant Time: Jan 14 10:23:25 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	122840	20.00	ng		-0.02
21) Naphthalene-d8	10.75	136	510945	20.00	ng		-0.02
39) Acenaphthene-d10	14.58	164	332121	20.00	ng		-0.02
64) Phenanthrene-d10	17.33	188	692605	20.00	ng		0.00
76) Chrysene-d12	21.57	240	605201	20.00	ng		-0.02
87) Perylene-d12	24.69	264	564203	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	800906	119.71	ng		0.00
7) Phenol-d6	7.12	99	1031952	110.35	ng		0.00
23) Nitrobenzene-d5	9.10	82	637666	66.76	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	385508	110.92	ng		-0.02
45) 2-Fluorobiphenyl	13.21	172	1378920	75.22	ng		-0.02
79) Terphenyl-d14	19.94	244	1952738	75.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	107402	36.819	ng		98
3) Pyridine	3.81	79	263596	30.589	ng		96
4) n-Nitrosodimethylamine	3.73	42	134461	35.046	ng		92
6) Aniline	7.27	93	341413	27.795	ng		96
8) 2-Chlorophenol	7.51	128	327401	41.685	ng		99
9) Benzaldehyde	7.08	77	137792m	23.022	ng		
10) Phenol	7.14	94	398605	41.370	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	306822	36.891	ng		98
12) 1,3-Dichlorobenzene	7.84	146	346310	37.679	ng		100
13) 1,4-Dichlorobenzene	7.98	146	351037	38.709	ng		99
14) 1,2-Dichlorobenzene	8.30	146	328991	37.796	ng		99
15) Benzyl Alcohol	8.18	79	273418	37.046	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.48	45	415194	32.267	ng		97
17) 2-Methylphenol	8.40	107	282673	40.541	ng		97
18) Hexachloroethane	9.04	117	129291	36.640	ng		94
19) n-Nitroso-di-n-propylamine	8.75	70	237466	34.097	ng		97
20) 3+4-Methylphenols	8.72	107	379178	38.982	ng		97
22) Acetophenone	8.77	105	449387	35.378	ng	#	98
24) Nitrobenzene	9.15	77	338808	35.816	ng		97
25) Isophorone	9.67	82	644645	35.976	ng		99
26) 2-Nitrophenol	9.86	139	184205	41.158	ng		98
27) 2,4-Dimethylphenol	9.92	122	307837	45.694	ng		99
28) bis(2-Chloroethoxy)methane	10.15	93	408130	34.164	ng		99
29) 2,4-Dichlorophenol	10.40	162	319763	39.791	ng		97
30) 1,2,4-Trichlorobenzene	10.61	180	325767	36.155	ng		98
31) Naphthalene	10.80	128	941382	38.074	ng		99
32) Benzoic acid	10.06	122	164700	32.366	ng		97
33) 4-Chloroaniline	10.90	127	229452	19.456	ng		98
34) Hexachlorobutadiene	11.10	225	189825	34.505	ng		98
35) Caprolactam	11.67	113	113672m	37.998	ng		
36) 4-Chloro-3-methylphenol	12.03	107	331134	38.707	ng		98
37) 2-Methylnaphthalene	12.41	142	695365	37.355	ng		98
38) 1-Methylnaphthalene	12.63	142	663508	37.609	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	336080	34.525	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	354277	70.199	ng		100
43) 2,4,6-Trichlorophenol	13.01	196	250882	37.456	ng		99
44) 2,4,5-Trichlorophenol	13.09	196	272346	39.423	ng		98
46) 1,1'-Biphenyl	13.41	154	869233	36.503	ng		99
47) 2-Chloronaphthalene	13.45	162	680690	35.375	ng		99
48) 2-Nitroaniline	13.65	65	206500	33.362	ng		93
49) Acenaphthylene	14.30	152	1066297	38.555	ng		98
50) Dimethylphthalate	14.04	163	863802	36.630	ng		99
51) 2,6-Dinitrotoluene	14.15	165	198672	37.274	ng		95
52) Acenaphthene	14.65	154	674123	34.757	ng		99
53) 3-Nitroaniline	14.48	138	149654	24.725	ng		99
54) 2,4-Dinitrophenol	14.68	184	229649	84.259	ng		95
55) Dibenzofuran	14.98	168	1027594	38.487	ng		97
56) 4-Nitrophenol	14.79	139	378203	81.540	ng		94
57) 2,4-Dinitrotoluene	14.93	165	277411	38.250	ng		98
58) Fluorene	15.63	166	803922	37.989	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.20	232	235113	39.579	ng		96
60) Diethylphthalate	15.40	149	873853	37.049	ng		98
61) 4-Chlorophenyl-phenylether	15.62	204	420208	36.568	ng		96
62) 4-Nitroaniline	15.64	138	200771	33.590	ng		94
63) Azobenzene	15.92	77	795644	36.374	ng		98
65) 4,6-Dinitro-2-methylphenol	15.70	198	165208	46.452	ng		93
66) n-Nitrosodiphenylamine	15.83	169	747118	36.630	ng		99
67) 4-Bromophenyl-phenylether	16.52	248	272263	34.952	ng		96
68) Hexachlorobenzene	16.64	284	292597	34.859	ng		96
69) Atrazine	16.79	200	285038	42.993	ng		98
70) Pentachlorophenol	16.98	266	351845	76.042	ng		98
71) Phenanthrene	17.37	178	1264565	38.065	ng		98
72) Anthracene	17.46	178	1287613	39.219	ng		98
73) Carbazole	17.72	167	1188870	39.201	ng		97
74) Di-n-butylphthalate	18.29	149	1450432	37.459	ng		98
75) Fluoranthene	19.37	202	1458043	38.377	ng		99
77) Benzidine	19.55	184	412264	27.101	ng		98
78) Pyrene	19.73	202	1475601	37.353	ng		98
80) Butylbenzylphthalate	20.63	149	683300	36.331	ng		94
81) Benzo(a)anthracene	21.55	228	1422158	37.897	ng		98
82) 3,3'-Dichlorobenzidine	21.47	252	434210	29.287	ng		100
83) Chrysene	21.62	228	1373134	38.509	ng		96
84) Bis(2-ethylhexyl)phthalate	21.48	149	966824	37.256	ng		99
85) Di-n-octyl phthalate	22.65	149	1672312	38.332	ng		97
86) Indeno(1,2,3-cd)pyrene	28.23	276	1741722	35.942	ng	#	92
88) Benzo(b)fluoranthene	23.70	252	1491785	44.725	ng		99
89) Benzo(k)fluoranthene	23.77	252	1458530	45.985	ng		98
90) Benzo(a)pyrene	24.55	252	1362202	43.271	ng		98
91) Dibenzo(a,h)anthracene	28.29	278	1440324	45.557	ng		97
92) Benzo(g,h,i)perylene	29.35	276	1463229	46.593	ng		96

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

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