Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045152.D
Acq On : 23 Apr 2020 21:49
Operator : CG/JU
Sample : L2323-06MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-20-COMPMS

Manual Integrations APPROVED
mohammad
4/24/2020 1:35:11 PM

Quant Time: Apr 24 03:42:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 23 13:58:55 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	82176	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	326707	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	233806	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	502615	20.00	ng		0.00
76) Chrysene-d12	21.66	240	409252	20.00	ng		0.00
87) Perylene-d12	24.84	264	438979	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	718419	144.33	ng		0.01
7) Phenol-d6	7.18	99	936401	126.62	ng		0.01
23) Nitrobenzene-d5	9.17	82	744445	103.97	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	546448	151.29	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	1664961	104.42	ng		0.00
79) Terphenyl-d14	20.01	244	2230109	118.77	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	86131	38.94	ng	#	48
3) Pyridine	3.89	79	221745	32.56	ng		96
4) n-Nitrosodimethylamine	3.79	42	101919	48.85	ng		89
6) Aniline	7.33	93	195735	20.36	ng		95
8) 2-Chlorophenol	7.58	128	302543	56.56	ng		98
9) Benzaldehyde	7.14	77	107977	21.89	ng		97
10) Phenol	7.21	94	333537	45.07	ng		99
11) bis(2-Chloroethyl)ether	7.43	93	286256	48.58	ng		97
12) 1,3-Dichlorobenzene	7.90	146	334864	53.12	ng		99
13) 1,4-Dichlorobenzene	8.05	146	339113	53.99	ng		98
14) 1,2-Dichlorobenzene	8.37	146	320283	53.30	ng		95
15) Benzyl Alcohol	8.25	79	309109	49.85	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.54	45	261453	45.20	ng		93
17) 2-Methylphenol	8.46	107	266030	46.59	ng		95
18) Hexachloroethane	9.10	117	125441	53.12	ng		98
19) n-Nitroso-di-n-propylamine	8.82	70	250123	47.82	ng		98
20) 3+4-Methylphenols	8.79	107	363736	45.51	ng		99
22) Acetophenone	8.83	105	471724	53.39	ng		99
24) Nitrobenzene	9.21	77	388629	52.95	ng	#	98
25) Isophorone	9.74	82	701334	47.83	ng		98
26) 2-Nitrophenol	9.93	139	183581	58.07	ng		98
27) 2,4-Dimethylphenol	10.00	122	272311	54.29	ng		94
28) bis(2-Chloroethoxy)methane	10.22	93	392961	51.01	ng		99
29) 2,4-Dichlorophenol	10.47	162	326181	56.31	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	372763	56.84	ng		96
31) Naphthalene	10.87	128	1001748	56.05	ng		99
32) Benzoic acid	10.16	122	209545	51.22	ng		95
33) 4-Chloroaniline	10.98	127	47689	5.72	ng		97
34) Hexachlorobutadiene	11.16	225	249545	55.50	ng		96
35) Caprolactam	11.75	113	83499m	36.22	ng		
36) 4-Chloro-3-methylphenol	12.10	107	362952	53.34	ng		98
37) 2-Methylnaphthalene	12.47	142	750270	54.08	ng		95
38) 1-Methylnaphthalene	12.69	142	727106	55.52	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	416074	55.27	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG041520.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	259145	55.08	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	303831	57.19	ng		98
44) 2,4,5-Trichlorophenol	13.16	196	314977	52.08	ng		99
46) 1,1'-Biphenyl	13.48	154	931955	52.44	ng		97
47) 2-Chloronaphthalene	13.53	162	739926	54.49	ng		99
48) 2-Nitroaniline	13.72	65	232025	51.93	ng		97
49) Acenaphthylene	14.37	152	1151134	52.05	ng		99
50) Dimethylphthalate	14.10	163	949351	49.87	ng		98
51) 2,6-Dinitrotoluene	14.22	165	220029	51.67	ng		97
52) Acenaphthene	14.71	154	787370m	52.61	ng		
53) 3-Nitroaniline	14.55	138	116160	24.87	ng		96
54) 2,4-Dinitrophenol	14.75	184	106672	42.13	ng		95
55) Dibenzofuran	15.05	168	1131738	51.87	ng		94
56) 4-Nitrophenol	14.87	139	312428	86.28	ng		98
57) 2,4-Dinitrotoluene	15.01	165	302305	48.58	ng	#	98
58) Fluorene	15.70	166	928189	52.08	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	301091	55.95	ng		98
60) Diethylphthalate	15.47	149	962387	48.49	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	520637	50.76	ng		98
62) 4-Nitroaniline	15.71	138	161915	33.43	ng		96
63) Azobenzene	15.98	77	923649	50.47	ng		99
65) 4,6-Dinitro-2-methylphenol	15.78	198	88448	26.77	ng		98
66) n-Nitrosodiphenylamine	15.91	169	810190	56.10	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	355293	54.79	ng		98
68) Hexachlorobenzene	16.71	284	379959	56.50	ng		96
69) Atrazine	16.86	200	321373	62.92	ng		99
70) Pentachlorophenol	17.05	266	459688	111.43	ng		99
71) Phenanthrene	17.44	178	1408053	54.52	ng		98
72) Anthracene	17.53	178	1428357	55.13	ng		98
73) Carbazole	17.80	167	1293971	49.22	ng		99
74) Di-n-butylphthalate	18.36	149	1505527	53.79	ng		99
75) Fluoranthene	19.45	202	1545673	51.85	ng		99
77) Benzidine	19.62	184	368953	29.01	ng		98
78) Pyrene	19.81	202	1527567	54.14	ng		99
80) Butylbenzylphthalate	20.69	149	602155	51.49	ng		98
81) Benzo(a)anthracene	21.64	228	1439267	54.26	ng		99
82) 3,3'-Dichlorobenzidine	21.56	252	473793	44.88	ng		98
83) Chrysene	21.71	228	1378905	54.10	ng		100
84) Bis(2-ethylhexyl)phthalate	21.56	149	843489	52.44	ng		99
85) Di-n-octyl phthalate	22.76	149	1424854	51.23	ng		99
86) Indeno(1,2,3-cd)pyrene	28.46	276	1711112	50.57	ng	#	96
88) Benzo(b)fluoranthene	23.84	252	1524910	55.46	ng		98
89) Benzo(k)fluoranthene	23.91	252	1499841	57.36	ng		99
90) Benzo(a)pyrene	24.70	252	1408831	54.27	ng	#	98
91) Dibenzo(a,h)anthracene	28.53	278	1473030	56.31	ng		98
92) Benzo(g,h,i)perylene	29.60	276	1335122	50.91	ng		96

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

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