Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG042320\
Data File : BG045153.D
Acq On : 23 Apr 2020 22:29
Operator : CG/JU
Sample : L2323-06MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-20-COMPMSD

Manual Integrations APPROVED
mohammad
4/24/2020 1:35:13 PM

Quant Time: Apr 24 05:01:23 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	75510	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	312464	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	226506	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	482804	20.00	ng	0.00
76) Chrysene-d12	21.66	240	405739	20.00	ng	0.00
87) Perylene-d12	24.84	264	432374	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.59	112	747558	163.45	ng	0.00
7) Phenol-d6	7.18	99	1046643	154.02	ng	0.01
23) Nitrobenzene-d5	9.17	82	709088	103.55	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	519233	148.39	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	1587145	102.75	ng	0.00
79) Terphenyl-d14	20.01	244	2181248	117.17	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.49	88	86344	42.48	ng	# 60
4) n-Nitrosodimethylamine	3.79	42	104255	54.38	ng	98
8) 2-Chlorophenol	7.58	128	301544	61.35	ng	100
9) Benzaldehyde	7.14	77	39016	4.70	ng	94
10) Phenol	7.21	94	385928	56.75	ng	98
11) bis(2-Chloroethyl)ether	7.42	93	277923	51.33	ng	99
12) 1,3-Dichlorobenzene	7.90	146	325883	56.26	ng	97
13) 1,4-Dichlorobenzene	8.05	146	324900	56.29	ng	98
14) 1,2-Dichlorobenzene	8.36	146	303490	54.96	ng	96
15) Benzyl Alcohol	8.25	79	296211	51.99	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.54	45	254971	47.98	ng	97
17) 2-Methylphenol	8.46	107	277023	52.80	ng	95
18) Hexachloroethane	9.10	117	122491	56.45	ng	92
19) n-Nitroso-di-n-propylamine	8.82	70	243445	50.66	ng	99
20) 3+4-Methylphenols	8.79	107	381480	51.95	ng	96
22) Acetophenone	8.83	105	459743	54.41	ng	98
24) Nitrobenzene	9.22	77	381842	54.40	ng	99
25) Isophorone	9.74	82	689660	49.18	ng	99
26) 2-Nitrophenol	9.93	139	177657	58.76	ng	98
27) 2,4-Dimethylphenol	9.99	122	276399	57.61	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	391096	53.08	ng	100
29) 2,4-Dichlorophenol	10.47	162	327715	59.16	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	352513	56.20	ng	96
31) Naphthalene	10.87	128	973601	56.96	ng	99
32) Benzoic acid	10.16	122	226350	57.02	ng	96
34) Hexachlorobutadiene	11.16	225	239955	55.80	ng	95
35) Caprolactam	11.75	113	86904m	39.42	ng	
36) 4-Chloro-3-methylphenol	12.11	107	360607	55.41	ng	97
37) 2-Methylnaphthalene	12.48	142	733874	55.31	ng	97
38) 1-Methylnaphthalene	12.69	142	682968	54.53	ng	94
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	408544	56.02	ng	99
41) Hexachlorocyclopentadiene	12.83	237	275198	60.37	ng	98
43) 2,4,6-Trichlorophenol	13.08	196	294151	57.15	ng	99
44) 2,4,5-Trichlorophenol	13.16	196	308060	52.58	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	13.48	154	901231	52.35	ng		98
47) 2-Chloronaphthalene	13.52	162	717066	54.51	ng		98
48) 2-Nitroaniline	13.72	65	222714	51.46	ng		92
49) Acenaphthylene	14.37	152	1108532	51.73	ng		99
50) Dimethylphthalate	14.10	163	918413	49.80	ng		99
51) 2,6-Dinitrotoluene	14.22	165	211182	51.19	ng		97
52) Acenaphthene	14.71	154	794014m	54.77	ng		
53) 3-Nitroaniline	14.54	138	48766	10.78	ng		98
54) 2,4-Dinitrophenol	14.76	184	150577	61.39	ng		97
55) Dibenzofuran	15.05	168	1092492	51.69	ng		97
56) 4-Nitrophenol	14.87	139	342255	97.56	ng		95
57) 2,4-Dinitrotoluene	15.01	165	295357	48.99	ng		96
58) Fluorene	15.70	166	907703	52.58	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	288318	55.31	ng		97
60) Diethylphthalate	15.47	149	930384	48.38	ng		100
61) 4-Chlorophenyl-phenylether	15.69	204	505049	50.82	ng		98
62) 4-Nitroaniline	15.71	138	131701	28.07	ng		94
63) Azobenzene	15.98	77	893462	50.40	ng		98
65) 4,6-Dinitro-2-methylphenol	15.77	198	119177	37.55	ng		98
66) n-Nitrosodiphenylamine	15.90	169	709989	51.18	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	343944	55.22	ng		98
68) Hexachlorobenzene	16.71	284	365042	56.51	ng		99
69) Atrazine	16.85	200	290741	58.94	ng		96
70) Pentachlorophenol	17.05	266	452753	114.25	ng		98
71) Phenanthrene	17.44	178	1371172	55.27	ng		99
72) Anthracene	17.53	178	1379466	55.43	ng		98
73) Carbazole	17.79	167	1262726	50.00	ng		100
74) Di-n-butylphthalate	18.36	149	1466923	54.66	ng		98
75) Fluoranthene	19.44	202	1544032	54.21	ng		98
78) Pyrene	19.80	202	1529295	54.67	ng		100
80) Butylbenzylphthalate	20.69	149	616398	53.16	ng		98
81) Benzo(a)anthracene	21.64	228	1457237	55.41	ng		100
82) 3,3'-Dichlorobenzidine	21.55	252	154506	14.76	ng		99
83) Chrysene	21.71	228	1384814	54.81	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	850607	53.34	ng		99
85) Di-n-octyl phthalate	22.76	149	1451048	52.62	ng		99
86) Indeno(1,2,3-cd)pyrene	28.47	276	1763445	52.57	ng	#	95
88) Benzo(b)fluoranthene	23.84	252	1575405	58.17	ng		99
89) Benzo(k)fluoranthene	23.91	252	1476445	57.32	ng		99
90) Benzo(a)pyrene	24.70	252	1420603	55.55	ng		99
91) Dibenzo(a,h)anthracene	28.53	278	1467468	56.95	ng		96
92) Benzo(g,h,i)perylene	29.59	276	1318875	51.05	ng		98

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

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