Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042220\
Data File : BG045122.D
Acq On : 22 Apr 2020 12:07
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
4/24/2020 4:19:05 AM

Quant Time: Apr 22 12:59:58 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 12:56:37 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	78073	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	346801	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	291458	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	734777	20.00	ng		0.00
76) Chrysene-d12	21.66	240	522006	20.00	ng		0.00
87) Perylene-d12	24.85	264	586370	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	372729	78.82	ng		0.00
7) Phenol-d6	7.18	99	593431	84.46	ng		0.00
23) Nitrobenzene-d5	9.18	82	617767	81.28	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	380798	84.57	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1517808	76.36	ng		0.00
79) Terphenyl-d14	20.01	244	2385505	99.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	78097	37.160	ng		99
3) Pyridine	3.88	79	257944	39.862	ng		99
4) n-Nitrosodimethylamine	3.79	42	86847	43.812	ng		88
6) Aniline	7.34	93	381793	41.793	ng		98
8) 2-Chlorophenol	7.58	128	210525	41.423	ng		98
9) Benzaldehyde	7.15	77	160096	40.612	ng		97
10) Phenol	7.21	94	294880	41.941	ng		99
11) bis(2-Chloroethyl)ether	7.43	93	219648	39.238	ng		99
12) 1,3-Dichlorobenzene	7.91	146	235696	39.355	ng		95
13) 1,4-Dichlorobenzene	8.05	146	240232	40.256	ng		97
14) 1,2-Dichlorobenzene	8.37	146	231843	40.609	ng		99
15) Benzyl Alcohol	8.25	79	256447	43.534	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.54	45	214700	39.072	ng		99
17) 2-Methylphenol	8.46	107	226507	41.755	ng		97
18) Hexachloroethane	9.11	117	90512	40.346	ng		97
19) n-Nitroso-di-n-propylamine	8.82	70	213763	43.020	ng		98
20) 3+4-Methylphenols	8.79	107	324614	42.752	ng		96
22) Acetophenone	8.84	105	372192	39.686	ng	#	97
24) Nitrobenzene	9.22	77	321122	41.218	ng		95
25) Isophorone	9.75	82	635978	40.860	ng		99
26) 2-Nitrophenol	9.93	139	143515	42.766	ng		95
27) 2,4-Dimethylphenol	10.00	122	217756	40.895	ng		98
28) bis(2-Chloroethoxy)methane	10.23	93	323427	39.549	ng		99
29) 2,4-Dichlorophenol	10.47	162	257943	41.953	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	287250	41.264	ng		99
31) Naphthalene	10.87	128	767897	40.476	ng		99
32) Benzoic acid	10.16	122	146984	36.006	ng		94
33) 4-Chloroaniline	10.97	127	367462	41.532	ng		98
34) Hexachlorobutadiene	11.17	225	194219	40.693	ng		97
35) Caprolactam	11.75	113	104620m	42.753	ng		
36) 4-Chloro-3-methylphenol	12.11	107	312496	43.265	ng		98
37) 2-Methylnaphthalene	12.48	142	623660	42.352	ng		97
38) 1-Methylnaphthalene	12.70	142	590804	42.499	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	351331	37.439	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	226798	38.668	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	259492	39.180	ng		97
44) 2,4,5-Trichlorophenol	13.16	196	289155	38.356	ng		98
46) 1,1'-Biphenyl	13.49	154	836614	37.766	ng		97
47) 2-Chloronaphthalene	13.53	162	636006	37.573	ng		99
48) 2-Nitroaniline	13.73	65	226777	40.719	ng		99
49) Acenaphthylene	14.37	152	1064361	38.603	ng		100
50) Dimethylphthalate	14.11	163	926369	39.035	ng		97
51) 2,6-Dinitrotoluene	14.22	165	213499	40.221	ng		93
52) Acenaphthene	14.72	154	737619	39.540	ng		98
53) 3-Nitroaniline	14.55	138	228994	39.334	ng	#	95
54) 2,4-Dinitrophenol	14.76	184	142198	45.051	ng		95
55) Dibenzofuran	15.05	168	1056067	38.830	ng		95
56) 4-Nitrophenol	14.87	139	179855	39.844	ng		94
57) 2,4-Dinitrotoluene	15.01	165	322243	41.541	ng		97
58) Fluorene	15.70	166	903356	40.664	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	279556	41.676	ng		98
60) Diethylphthalate	15.47	149	998282	40.346	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	522835	40.888	ng		99
62) 4-Nitroaniline	15.72	138	243310	40.294	ng		93
63) Azobenzene	15.98	77	926730	40.625	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	205653	42.581	ng		99
66) n-Nitrosodiphenylamine	15.91	169	807269	38.238	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	374613	39.519	ng		97
68) Hexachlorobenzene	16.71	284	393612	40.038	ng		100
69) Atrazine	16.86	200	317097	40.727	ng		99
70) Pentachlorophenol	17.05	266	233563	38.727	ng		97
71) Phenanthrene	17.44	178	1474298	39.046	ng		98
72) Anthracene	17.54	178	1483905	39.179	ng		98
73) Carbazole	17.80	167	1451961	37.776	ng		99
74) Di-n-butylphthalate	18.36	149	1700855	39.974	ng		98
75) Fluoranthene	19.45	202	1774373	39.183	ng		98
77) Benzidine	19.62	184	612464	39.823	ng		98
78) Pyrene	19.81	202	1758833	48.874	ng		98
80) Butylbenzylphthalate	20.70	149	581826	39.004	ng		97
81) Benzo(a)anthracene	21.64	228	1398097	41.323	ng		100
82) 3,3'-Dichlorobenzidine	21.56	252	544121	40.406	ng		96
83) Chrysene	21.71	228	1318696	40.566	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	791894	38.598	ng		99
85) Di-n-octyl phthalate	22.76	149	1396189	39.354	ng		100
86) Indeno(1,2,3-cd)pyrene	28.47	276	1762983	40.848	ng		100
88) Benzo(b)fluoranthene	23.84	252	1505293	40.983	ng		99
89) Benzo(k)fluoranthene	23.91	252	1376557	39.409	ng		98
90) Benzo(a)pyrene	24.70	252	1406550	40.559	ng	#	98
91) Dibenzo(a,h)anthracene	28.54	278	1423096	40.725	ng		95
92) Benzo(g,h,i)perylene	29.61	276	1421350	40.571	ng		98

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

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