Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG052720\
Data File : BG045478.D
Acq On : 27 May 2020 16:13
Operator : CG/JU
Sample : L2768-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : 370MS

Manual Integrations APPROVED
mohammad
5/29/2020 10:24:32 PM

Quant Time: May 27 16:58:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 13:40:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	84290	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	356304	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	259267	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	583424	20.00	ng		0.00
76) Chrysene-d12	21.61	240	512803	20.00	ng		0.00
87) Perylene-d12	24.76	264	563383	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	534740	123.98	ng		0.00
7) Phenol-d6	7.18	99	775341	126.30	ng		0.00
23) Nitrobenzene-d5	9.12	82	502109	76.85	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	391592	118.10	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	1190715	77.90	ng		0.00
79) Terphenyl-d14	19.96	244	1816650	82.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	76460	35.749	ng		97
3) Pyridine	3.80	79	180141	30.242	ng		93
4) n-Nitrosodimethylamine	3.72	42	80106	41.097	ng		97
6) Aniline	7.29	93	221682	27.663	ng		96
8) 2-Chlorophenol	7.54	128	244101	51.609	ng		98
9) Benzaldehyde	7.09	77	159399	39.854	ng		96
10) Phenol	7.21	94	321073	50.748	ng		98
11) bis(2-Chloroethyl)ether	7.38	93	219183	44.414	ng		98
12) 1,3-Dichlorobenzene	7.85	146	257234	45.257	ng		97
13) 1,4-Dichlorobenzene	7.99	146	257099	45.835	ng		97
14) 1,2-Dichlorobenzene	8.32	146	246402	45.673	ng		99
15) Benzyl Alcohol	8.21	79	248036	48.911	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	202331	43.193	ng		99
17) 2-Methylphenol	8.44	107	224044	47.311	ng		99
18) Hexachloroethane	9.04	117	100473	46.768	ng		92
19) n-Nitroso-di-n-propylamine	8.77	70	201815	47.541	ng		99
20) 3+4-Methylphenols	8.77	107	292436m	45.348	ng		
22) Acetophenone	8.78	105	368486	43.635	ng	#	94
24) Nitrobenzene	9.16	77	305493	43.639	ng		99
25) Isophorone	9.68	82	551525	42.861	ng		98
26) 2-Nitrophenol	9.88	139	142052	47.435	ng		91
27) 2,4-Dimethylphenol	9.97	122	234617	52.823	ng		95
28) bis(2-Chloroethoxy)methane	10.17	93	307181	45.520	ng		96
29) 2,4-Dichlorophenol	10.44	162	263058	50.155	ng		99
30) 1,2,4-Trichlorobenzene	10.63	180	284531	45.910	ng		99
31) Naphthalene	10.82	128	756804	45.581	ng		99
32) Benzoic acid	10.16	122	171356	54.904	ng		97
33) 4-Chloroaniline	10.94	127	90548	13.047	ng	#	94
34) Hexachlorobutadiene	11.11	225	197008	44.970	ng		99
35) Caprolactam	11.70	113	88507m	45.974	ng		
36) 4-Chloro-3-methylphenol	12.09	107	287049	48.569	ng		98
37) 2-Methylnaphthalene	12.43	142	573347	46.330	ng		98
38) 1-Methylnaphthalene	12.64	142	547610m	46.844	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	339030	46.816	ng		99

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Quant Time: May 27 16:58:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 27 13:40:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	329717	78.883 ng		96
43) 2,4,6-Trichlorophenol	13.05	196	233745	46.465 ng		97
44) 2,4,5-Trichlorophenol	13.14	196	252458	43.916 ng		97
46) 1,1'-Biphenyl	13.44	154	744873	46.757 ng		99
47) 2-Chloronaphthalene	13.48	162	570225	44.079 ng		99
48) 2-Nitroaniline	13.68	65	179814	42.256 ng		88
49) Acenaphthylene	14.32	152	945688	45.511 ng		99
50) Dimethylphthalate	14.06	163	878965	49.420 ng		97
51) 2,6-Dinitrotoluene	14.18	165	172720	43.037 ng		98
52) Acenaphthene	14.67	154	686779m	49.376 ng		
53) 3-Nitroaniline	14.51	138	92192	22.598 ng	#	93
54) 2,4-Dinitrophenol	14.72	184	196040	74.939 ng		99
55) Dibenzofuran	15.01	168	903746	43.754 ng		97
56) 4-Nitrophenol	14.88	139	275037	89.045 ng		95
57) 2,4-Dinitrotoluene	14.97	165	244865	42.128 ng		95
58) Fluorene	15.65	166	748229	44.093 ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	233617	46.192 ng		99
60) Diethylphthalate	15.42	149	778036	42.029 ng		98
61) 4-Chlorophenyl-phenylether	15.65	204	419254	43.175 ng		97
62) 4-Nitroaniline	15.68	138	159766	37.512 ng		98
63) Azobenzene	15.94	77	738154	42.764 ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	148102	43.587 ng		95
66) n-Nitrosodiphenylamine	15.86	169	661546	47.226 ng		97
67) 4-Bromophenyl-phenylether	16.54	248	291359	46.119 ng		94
68) Hexachlorobenzene	16.66	284	313715	47.478 ng		98
69) Atrazine	16.82	200	245452	42.541 ng		97
70) Pentachlorophenol	17.02	266	343153	100.017 ng		98
71) Phenanthrene	17.40	178	1161946	45.621 ng		98
72) Anthracene	17.49	178	1196214	46.768 ng		95
73) Carbazole	17.76	167	1082119	43.403 ng		99
74) Di-n-butylphthalate	18.31	149	1277226	42.681 ng		99
75) Fluoranthene	19.41	202	1411356	43.566 ng		99
77) Benzidine	19.58	184	574325	39.877 ng		98
78) Pyrene	19.76	202	1388130	47.487 ng		98
80) Butylbenzylphthalate	20.65	149	557129	44.155 ng		97
81) Benzo(a)anthracene	21.59	228	1342384	46.991 ng		98
82) 3,3'-Dichlorobenzidine	21.51	252	348349	31.087 ng		98
83) Chrysene	21.66	228	1265457	46.070 ng		98
84) Bis(2-ethylhexyl)phthalate	21.50	149	771108	44.459 ng		99
85) Di-n-octyl phthalate	22.70	149	1297237	43.547 ng		100
86) Indeno(1,2,3-cd)pyrene	28.35	276	1687374	46.977 ng	#	96
88) Benzo(b)fluoranthene	23.77	252	1427488	47.245 ng		99
89) Benzo(k)fluoranthene	23.83	252	1331293	46.899 ng		99
90) Benzo(a)pyrene	24.62	252	1282940	45.591 ng		97
91) Dibenzo(a,h)anthracene	28.40	278	1369836	48.442 ng		100
92) Benzo(g,h,i)perylene	29.46	276	1402275	49.583 ng		99

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

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