Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG051520\
Data File : BG045401.D
Acq On : 15 May 2020 17:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
5/18/2020 1:31:02 PM

Quant Time: May 15 18:32:04 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 15 15:45:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.97	152	68171	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	264131	20.00	ng		0.00
39) Acenaphthene-d10	14.61	164	181598	20.00	ng		0.00
64) Phenanthrene-d10	17.36	188	425508	20.00	ng		0.00
76) Chrysene-d12	21.62	240	444626	20.00	ng		0.00
87) Perylene-d12	24.78	264	503889	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	282430	80.97	ng		0.00
7) Phenol-d6	7.14	99	403135	81.20	ng		0.00
23) Nitrobenzene-d5	9.12	82	388780	80.27	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	181541	78.17	ng		0.00
45) 2-Fluorobiphenyl	13.23	172	866169	80.90	ng		0.00
79) Terphenyl-d14	19.97	244	1520983	79.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	71772	41.492	ng		100
3) Pyridine	3.82	79	198736	41.252	ng		97
4) n-Nitrosodimethylamine	3.73	42	66387	42.112	ng		95
6) Aniline	7.29	93	259354	40.017	ng		98
8) 2-Chlorophenol	7.53	128	152481	39.861	ng		98
9) Benzaldehyde	7.10	77	138599	42.847	ng		95
10) Phenol	7.16	94	205857	40.230	ng		99
11) bis(2-Chloroethyl)ether	7.39	93	156564	39.227	ng		99
12) 1,3-Dichlorobenzene	7.86	146	181172	39.411	ng		99
13) 1,4-Dichlorobenzene	8.00	146	182099	40.140	ng		92
14) 1,2-Dichlorobenzene	8.33	146	173828	39.839	ng		97
15) Benzyl Alcohol	8.20	79	165439	40.337	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	150977	39.851	ng		96
17) 2-Methylphenol	8.41	107	149634	39.069	ng		97
18) Hexachloroethane	9.05	117	69673	40.100	ng		85
19) n-Nitroso-di-n-propylamine	8.77	70	135807	39.556	ng		100
20) 3+4-Methylphenols	8.74	107	209548	40.178	ng		93
22) Acetophenone	8.79	105	248847	39.751	ng	#	99
24) Nitrobenzene	9.17	77	206669	39.825	ng		97
25) Isophorone	9.69	82	376653	39.486	ng		97
26) 2-Nitrophenol	9.88	139	90331	40.690	ng		93
27) 2,4-Dimethylphenol	9.95	122	132308	40.184	ng		98
28) bis(2-Chloroethoxy)methane	10.18	93	198070	39.594	ng		97
29) 2,4-Dichlorophenol	10.43	162	158908	40.870	ng		99
30) 1,2,4-Trichlorobenzene	10.64	180	185877	40.458	ng		96
31) Naphthalene	10.83	128	489665	39.783	ng		99
32) Benzoic acid	10.10	122	77726	37.485	ng		96
33) 4-Chloroaniline	10.93	127	210575	40.929	ng		97
34) Hexachlorobutadiene	11.12	225	130008	40.032	ng		96
35) Caprolactam	11.70	113	54190	37.971	ng		89
36) 4-Chloro-3-methylphenol	12.06	107	175177	39.983	ng		97
37) 2-Methylnaphthalene	12.44	142	368328	40.150	ng		99
38) 1-Methylnaphthalene	12.65	142	345197	39.834	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.81	216	203191	40.059	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.79	237	120760	41.248 ng	96
43) 2,4,6-Trichlorophenol	13.04	196	141349	40.116 ng	97
44) 2,4,5-Trichlorophenol	13.12	196	156238	38.803 ng	97
46) 1,1'-Biphenyl	13.44	154	445948	39.965 ng	97
47) 2-Chloronaphthalene	13.48	162	359217	39.644 ng	99
48) 2-Nitroaniline	13.68	65	119704	40.161 ng	95
49) Acenaphthylene	14.33	152	586688	40.310 ng	99
50) Dimethylphthalate	14.06	163	489768	39.315 ng	99
51) 2,6-Dinitrotoluene	14.18	165	111853	39.791 ng	96
52) Acenaphthene	14.68	154	393877m	40.429 ng	
53) 3-Nitroaniline	14.51	138	113521	39.727 ng	95
54) 2,4-Dinitrophenol	14.72	184	68129	39.932 ng	91
55) Dibenzofuran	15.01	168	579667	40.067 ng	97
56) 4-Nitrophenol	14.83	139	84998	39.288 ng	94
57) 2,4-Dinitrotoluene	14.97	165	158861	39.021 ng	97
58) Fluorene	15.66	166	474142	39.891 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	143484	40.505 ng	98
60) Diethylphthalate	15.43	149	505255	38.967 ng	99
61) 4-Chlorophenyl-phenylether	15.65	204	269048	39.557 ng	99
62) 4-Nitroaniline	15.67	138	120204	40.294 ng	99
63) Azobenzene	15.94	77	475369	39.318 ng	98
65) 4,6-Dinitro-2-methylphenol	15.74	198	102127	41.211 ng	96
66) n-Nitrosodiphenylamine	15.87	169	421638	41.271 ng	96
67) 4-Bromophenyl-phenylether	16.55	248	189358	41.097 ng	96
68) Hexachlorobenzene	16.67	284	194626	40.386 ng	95
69) Atrazine	16.81	200	174843	41.550 ng	98
70) Pentachlorophenol	17.02	266	105932	42.334 ng	96
71) Phenanthrene	17.40	178	764165	41.138 ng	100
72) Anthracene	17.49	178	774480	41.517 ng	99
73) Carbazole	17.76	167	753526	41.440 ng	98
74) Di-n-butylphthalate	18.32	149	899635	41.221 ng	100
75) Fluoranthene	19.42	202	991828	41.978 ng	99
77) Benzidine	19.59	184	509360	40.789 ng	98
78) Pyrene	19.77	202	994908	39.254 ng	100
80) Butylbenzylphthalate	20.66	149	436744	39.922 ng	97
81) Benzo(a)anthracene	21.60	228	1006042	40.618 ng	99
82) 3,3'-Dichlorobenzidine	21.52	252	389972	40.138 ng	100
83) Chrysene	21.67	228	961148	40.357 ng	98
84) Bis(2-ethylhexyl)phthalate	21.52	149	610050	40.566 ng	99
85) Di-n-octyl phthalate	22.71	149	1059924	41.037 ng	100
86) Indeno(1,2,3-cd)pyrene	28.37	276	1285596	41.280 ng	99
88) Benzo(b)fluoranthene	23.78	252	1094749	40.510 ng	98
89) Benzo(k)fluoranthene	23.85	252	1045067	41.163 ng	99
90) Benzo(a)pyrene	24.63	252	1046859	41.594 ng	99
91) Dibenzo(a,h)anthracene	28.43	278	1033603	40.867 ng	99
92) Benzo(g,h,i)perylene	29.48	276	1027312	40.613 ng	95

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

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