Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030320\
Data File : BG044663.D
Acq On : 3 Mar 2020 15:20
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
3/4/2020 2:47:22 PM

Quant Time: Mar 04 04:02:22 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 04 03:46:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	73338m	20.00	ng		-0.07
21) Naphthalene-d8	10.61	136	284634	20.00	ng		-0.07
39) Acenaphthene-d10	14.46	164	176305	20.00	ng		-0.06
64) Phenanthrene-d10	17.20	188	383618	20.00	ng		-0.06
76) Chrysene-d12	21.44	240	365908	20.00	ng		-0.06
87) Perylene-d12	24.46	264	415694	20.00	ng		-0.11
System Monitoring Compounds							
5) 2-Fluorophenol	5.38	112	363538	79.53	ng		-0.07
7) Phenol-d6	6.98	99	474399	75.82	ng		-0.07
23) Nitrobenzene-d5	8.96	82	427333	77.35	ng		-0.07
42) 2,4,6-Tribromophenol	15.95	330	181887	72.76	ng		-0.06
45) 2-Fluorobiphenyl	13.08	172	939653	76.32	ng		-0.06
79) Terphenyl-d14	19.83	244	1419018	73.41	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	3.24	88	79526	39.871	ng		98
3) Pyridine	3.64	79	218311	39.226	ng		99
4) n-Nitrosodimethylamine	3.56	42	83838	39.662	ng		98
6) Aniline	7.13	93	284285	37.320	ng		98
8) 2-Chlorophenol	7.37	128	187733	37.625	ng		97
9) Benzaldehyde	6.94	77	132682	36.064	ng		99
10) Phenol	7.01	94	226701	37.390	ng		99
11) bis(2-Chloroethyl)ether	7.23	93	190291	37.333	ng		96
12) 1,3-Dichlorobenzene	7.69	146	227043	38.151	ng		98
13) 1,4-Dichlorobenzene	7.84	146	225116	37.639	ng		99
14) 1,2-Dichlorobenzene	8.16	146	211254	37.142	ng		99
15) Benzyl Alcohol	8.05	79	160784	38.104	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.34	45	265345	38.735	ng		99
17) 2-Methylphenol	8.26	107	159220	36.759	ng		96
18) Hexachloroethane	8.89	117	82478	37.734	ng		97
19) n-Nitroso-di-n-propylamine	8.62	70	145435	36.162	ng		99
20) 3+4-Methylphenols	8.59	107	217791	36.726	ng		98
22) Acetophenone	8.63	105	270526	37.856	ng	#	99
24) Nitrobenzene	9.00	77	206354	38.552	ng		97
25) Isophorone	9.53	82	390260	37.759	ng		100
26) 2-Nitrophenol	9.72	139	110486	38.061	ng		97
27) 2,4-Dimethylphenol	9.79	122	153135	37.571	ng		97
28) bis(2-Chloroethoxy)methane	10.02	93	259002	37.894	ng		99
29) 2,4-Dichlorophenol	10.26	162	184715	37.906	ng		97
30) 1,2,4-Trichlorobenzene	10.47	180	210532	37.358	ng		98
31) Naphthalene	10.66	128	582633	37.513	ng		98
32) Benzoic acid	9.96	122	64645	45.192	ng		98
33) 4-Chloroaniline	10.77	127	258755	37.825	ng		98
34) Hexachlorobutadiene	10.96	225	134122	37.897	ng		100
35) Caprolactam	11.54	113	64931	37.222	ng		98
36) 4-Chloro-3-methylphenol	11.91	107	186083	37.098	ng		97
37) 2-Methylnaphthalene	12.27	142	425409	37.061	ng		99
38) 1-Methylnaphthalene	12.49	142	397527	36.447	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.65	216	222408	37.472	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.63	237	87214	36.112 ng	99
43) 2,4,6-Trichlorophenol	12.89	196	150226	38.981 ng	100
44) 2,4,5-Trichlorophenol	12.97	196	151172	38.186 ng	98
46) 1,1'-Biphenyl	13.29	154	552663	37.879 ng	98
47) 2-Chloronaphthalene	13.33	162	433419	37.883 ng	98
48) 2-Nitroaniline	13.53	65	126690	39.892 ng	95
49) Acenaphthylene	14.18	152	645247	38.207 ng	100
50) Dimethylphthalate	13.92	163	535864	37.657 ng	100
51) 2,6-Dinitrotoluene	14.03	165	118694	37.820 ng	98
52) Acenaphthene	14.52	154	402427	37.382 ng	99
53) 3-Nitroaniline	14.36	138	131153	38.749 ng	98
54) 2,4-Dinitrophenol	14.57	184	56431	36.014 ng	93
55) Dibenzofuran	14.86	168	621896	37.682 ng	100
56) 4-Nitrophenol	14.69	139	91518	39.308 ng	97
57) 2,4-Dinitrotoluene	14.83	165	166389	37.710 ng	99
58) Fluorene	15.51	166	489646	37.418 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.09	232	133187	36.533 ng	97
60) Diethylphthalate	15.29	149	532964	37.800 ng	100
61) 4-Chlorophenyl-phenylether	15.50	204	261203	36.712 ng	99
62) 4-Nitroaniline	15.53	138	134563	39.704 ng	95
63) Azobenzene	15.80	77	454664	37.890 ng	99
65) 4,6-Dinitro-2-methylphenol	15.60	198	88440	37.233 ng	97
66) n-Nitrosodiphenylamine	15.72	169	444731	37.166 ng	98
67) 4-Bromophenyl-phenylether	16.40	248	173407	36.416 ng	99
68) Hexachlorobenzene	16.52	284	194280	36.087 ng	98
69) Atrazine	16.67	200	163342	36.924 ng	98
70) Pentachlorophenol	16.87	266	86201	37.021 ng	97
71) Phenanthrene	17.25	178	795620	37.461 ng	100
72) Anthracene	17.34	178	787675	37.634 ng	99
73) Carbazole	17.61	167	734089	38.532 ng	99
74) Di-n-butylphthalate	18.18	149	932487	39.060 ng	99
75) Fluoranthene	19.26	202	955218	37.993 ng	100
77) Benzidine	19.44	184	484074	38.620 ng	99
78) Pyrene	19.62	202	966340	36.381 ng	99
80) Butylbenzylphthalate	20.52	149	446323	38.415 ng	99
81) Benzo(a)anthracene	21.43	228	969083	37.682 ng	99
82) 3,3'-Dichlorobenzidine	21.34	252	379859	37.388 ng	98
83) Chrysene	21.48	228	926713	37.270 ng	99
84) Bis(2-ethylhexyl)phthalate	21.35	149	623893	38.971 ng	99
85) Di-n-octyl phthalate	22.49	149	1083925	38.483 ng	98
86) Indeno(1,2,3-cd)pyrene	27.88	276	1153492	36.148 ng	99
88) Benzo(b)fluoranthene	23.51	252	1009537	36.937 ng	99
89) Benzo(k)fluoranthene	23.58	252	988363	37.270 ng	99
90) Benzo(a)pyrene	24.32	252	956171	37.235 ng	99
91) Dibenzo(a,h)anthracene	27.94	278	940015	37.014 ng	99
92) Benzo(g,h,i)perylene	28.95	276	927060	36.434 ng	100

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

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