Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011020\
Data File : BG043997.D
Acq On : 10 Jan 2020 11:22
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
1/13/2020 2:20:52 PM

Quant Time: Jan 11 04:36:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	110078	20.00	ng		-0.01
21) Naphthalene-d8	10.76	136	460018	20.00	ng		-0.01
39) Acenaphthene-d10	14.59	164	293578	20.00	ng		-0.01
64) Phenanthrene-d10	17.32	188	622346	20.00	ng		-0.01
76) Chrysene-d12	21.58	240	554208	20.00	ng		-0.01
87) Perylene-d12	24.69	264	636170	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	489764	81.69	ng		-0.01
7) Phenol-d6	7.12	99	666202	79.50	ng		0.00
23) Nitrobenzene-d5	9.10	82	630213	73.29	ng		-0.02
42) 2,4,6-Tribromophenol	16.07	330	250294	81.47	ng		-0.01
45) 2-Fluorobiphenyl	13.21	172	1345366	83.03	ng		-0.01
79) Terphenyl-d14	19.94	244	1887096	81.09	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	102794	39.324	ng		96
3) Pyridine	3.82	79	299587	38.796	ng	#	93
4) n-Nitrosodimethylamine	3.74	42	117218	34.094	ng		100
6) Aniline	7.27	93	414815	37.687	ng		98
8) 2-Chlorophenol	7.52	128	279035	39.646	ng		98
9) Benzaldehyde	7.08	77	175982	32.811	ng		97
10) Phenol	7.14	94	338666	39.224	ng		98
11) bis(2-Chloroethyl)ether	7.37	93	281069	37.712	ng		98
12) 1,3-Dichlorobenzene	7.84	146	332706	40.396	ng		99
13) 1,4-Dichlorobenzene	7.99	146	329559	40.554	ng		99
14) 1,2-Dichlorobenzene	8.31	146	316097	40.525	ng		99
15) Benzyl Alcohol	8.19	79	242356	36.644	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.49	45	414236	35.925	ng		97
17) 2-Methylphenol	8.39	107	238995	38.250	ng		98
18) Hexachloroethane	9.04	117	125261	39.613	ng		97
19) n-Nitroso-di-n-propylamine	8.76	70	226446	36.285	ng		98
20) 3+4-Methylphenols	8.72	107	328749	37.716	ng		99
22) Acetophenone	8.77	105	432307	37.801	ng	#	99
24) Nitrobenzene	9.15	77	315866	37.087	ng		99
25) Isophorone	9.67	82	589068	36.514	ng		99
26) 2-Nitrophenol	9.86	139	157786	39.158	ng		97
27) 2,4-Dimethylphenol	9.93	122	223661	36.874	ng		99
28) bis(2-Chloroethoxy)methane	10.16	93	394766	36.704	ng		100
29) 2,4-Dichlorophenol	10.40	162	272280	37.633	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	313544	38.650	ng		99
31) Naphthalene	10.80	128	879035	39.488	ng		99
32) Benzoic acid	10.06	122	135908m	30.187	ng		
33) 4-Chloroaniline	10.91	127	399858	37.660	ng		98
34) Hexachlorobutadiene	11.10	225	190288	38.419	ng		98
35) Caprolactam	11.67	113	96997	36.013	ng		95
36) 4-Chloro-3-methylphenol	12.03	107	288464	37.452	ng		99
37) 2-Methylnaphthalene	12.41	142	647753	38.650	ng		98
38) 1-Methylnaphthalene	12.63	142	610953	38.463	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.78	216	329539	38.297	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	159109	35.666	ng		97
43) 2,4,6-Trichlorophenol	13.02	196	224262	37.877	ng		99
44) 2,4,5-Trichlorophenol	13.09	196	237669	38.920	ng		99
46) 1,1'-Biphenyl	13.42	154	825360	39.211	ng		98
47) 2-Chloronaphthalene	13.46	162	660226	38.816	ng		99
48) 2-Nitroaniline	13.65	65	200867	36.713	ng		99
49) Acenaphthylene	14.30	152	970462	39.696	ng		98
50) Dimethylphthalate	14.04	163	814754	39.086	ng		99
51) 2,6-Dinitrotoluene	14.15	165	178895	37.970	ng		95
52) Acenaphthene	14.65	154	658042	38.382	ng		100
53) 3-Nitroaniline	14.48	138	207289	38.743	ng		94
54) 2,4-Dinitrophenol	14.69	184	73234	33.902	ng		97
55) Dibenzofuran	14.98	168	942738	39.944	ng		97
56) 4-Nitrophenol	14.79	139	155159	37.844	ng		93
57) 2,4-Dinitrotoluene	14.94	165	253859	39.598	ng		98
58) Fluorene	15.63	166	745336	39.844	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	207006	39.422	ng		97
60) Diethylphthalate	15.40	149	823496	39.498	ng		98
61) 4-Chlorophenyl-phenylether	15.63	204	389201	38.317	ng		97
62) 4-Nitroaniline	15.64	138	211608	40.050	ng		95
63) Azobenzene	15.92	77	746347	38.600	ng		99
65) 4,6-Dinitro-2-methylphenol	15.70	198	116522	37.406	ng		98
66) n-Nitrosodiphenylamine	15.84	169	688780	37.582	ng		99
67) 4-Bromophenyl-phenylether	16.52	248	257054	36.725	ng		99
68) Hexachlorobenzene	16.64	284	279738	37.090	ng		99
69) Atrazine	16.79	200	220419	37.000	ng		99
70) Pentachlorophenol	16.98	266	147096	35.380	ng		97
71) Phenanthrene	17.37	178	1190201	39.872	ng		99
72) Anthracene	17.46	178	1182304	40.076	ng		97
73) Carbazole	17.72	167	1110353	40.746	ng		97
74) Di-n-butylphthalate	18.29	149	1393922	40.064	ng		98
75) Fluoranthene	19.37	202	1382639	40.501	ng		98
77) Benzidine	19.56	184	508696	36.517	ng		99
78) Pyrene	19.74	202	1407333	38.903	ng		96
80) Butylbenzylphthalate	20.63	149	668368	38.807	ng		95
81) Benzo(a)anthracene	21.55	228	1359644	39.565	ng		97
82) 3,3'-Dichlorobenzidine	21.47	252	513358	37.812	ng		99
83) Chrysene	21.62	228	1306767	40.019	ng		97
84) Bis(2-ethylhexyl)phthalate	21.48	149	918875	38.667	ng		99
85) Di-n-octyl phthalate	22.67	149	1590937	39.822	ng		98
86) Indeno(1,2,3-cd)pyrene	28.23	276	1649788	37.177	ng	#	91
88) Benzo(b)fluoranthene	23.71	252	1420865	37.780	ng		98
89) Benzo(k)fluoranthene	23.78	252	1400990	39.174	ng		98
90) Benzo(a)pyrene	24.55	252	1354327	38.154	ng		98
91) Dibenzo(a,h)anthracene	28.29	278	1337668	37.524	ng		97
92) Benzo(g,h,i)perylene	29.33	276	1332161	37.621	ng		98

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

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