Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110719\
Data File : BG043556.D
Acq On : 8 Nov 2019 2:36
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/8/2019 3:33:03 PM

Quant Time: Nov 08 06:10:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 04 15:22:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	29835	20.00	ng		0.00
21) Naphthalene-d8	10.81	136	116590	20.00	ng		0.00
39) Acenaphthene-d10	14.64	164	81545	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	203336	20.00	ng		0.00
76) Chrysene-d12	21.66	240	211597	20.00	ng		0.00
87) Perylene-d12	24.85	264	245750	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	135833	83.43	ng		0.01
7) Phenol-d6	7.21	99	189274	80.80	ng		0.01
23) Nitrobenzene-d5	9.17	82	178749	79.04	ng		0.00
42) 2,4,6-Tribromophenol	16.13	330	123238	79.42	ng		0.00
45) 2-Fluorobiphenyl	13.26	172	474460	80.40	ng		0.00
79) Terphenyl-d14	19.99	244	928795	82.35	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.47	88	26063	41.078	ng		92
3) Pyridine	3.87	79	67143	41.951	ng		98
4) n-Nitrosodimethylamine	3.79	42	32964	40.816	ng	#	91
6) Aniline	7.34	93	108996	40.391	ng		98
8) 2-Chlorophenol	7.59	128	70159	39.036	ng		99
9) Benzaldehyde	7.15	77	47855	41.569	ng		96
10) Phenol	7.24	94	85852	40.107	ng		99
11) bis(2-Chloroethyl)ether	7.43	93	62625	37.840	ng		97
12) 1,3-Dichlorobenzene	7.90	146	90787	40.317	ng		97
13) 1,4-Dichlorobenzene	8.04	146	90653	39.789	ng		100
14) 1,2-Dichlorobenzene	8.37	146	87526	39.346	ng		96
15) Benzyl Alcohol	8.26	79	64824	39.403	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	88990	36.980	ng		98
17) 2-Methylphenol	8.48	107	62004	39.734	ng		93
18) Hexachloroethane	9.09	117	32537	39.583	ng		94
19) n-Nitroso-di-n-propylamine	8.81	70	55235	36.490	ng		94
20) 3+4-Methylphenols	8.81	107	82156	38.394	ng	#	77
22) Acetophenone	8.83	105	117451	39.337	ng	#	92
24) Nitrobenzene	9.21	77	85774	39.815	ng	#	97
25) Isophorone	9.73	82	154373	37.337	ng		99
26) 2-Nitrophenol	9.93	139	42354	40.722	ng		95
27) 2,4-Dimethylphenol	10.01	122	59569	39.960	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	84619	37.082	ng		99
29) 2,4-Dichlorophenol	10.48	162	74162	38.828	ng		89
30) 1,2,4-Trichlorobenzene	10.68	180	94297	39.171	ng		94
31) Naphthalene	10.86	128	235803	39.845	ng		98
32) Benzoic acid	10.18	122	43741	40.233	ng		85
33) 4-Chloroaniline	10.98	127	94336	38.887	ng		97
34) Hexachlorobutadiene	11.15	225	69276	38.930	ng		96
35) Caprolactam	11.75	113	27041	41.108	ng		98
36) 4-Chloro-3-methylphenol	12.13	107	81812	39.268	ng		96
37) 2-Methylnaphthalene	12.47	142	175486	38.646	ng		99
38) 1-Methylnaphthalene	12.69	142	168288	38.951	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	121800	40.360	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	99382	62.690	ng		96
43) 2,4,6-Trichlorophenol	13.08	196	69495	39.103	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	72482	40.340	ng		98
46) 1,1'-Biphenyl	13.47	154	247536	39.903	ng		97
47) 2-Chloronaphthalene	13.52	162	189983	40.250	ng		98
48) 2-Nitroaniline	13.73	65	58311	41.334	ng		93
49) Acenaphthylene	14.36	152	301238	41.007	ng		99
50) Dimethylphthalate	14.10	163	244400	38.694	ng		97
51) 2,6-Dinitrotoluene	14.21	165	54087	39.417	ng		99
52) Acenaphthene	14.70	154	181723	40.564	ng		99
53) 3-Nitroaniline	14.55	138	54792	41.358	ng		99
54) 2,4-Dinitrophenol	14.76	184	21320m	29.899	ng		
55) Dibenzofuran	15.04	168	295835	40.721	ng		99
56) 4-Nitrophenol	14.91	139	36341	40.934	ng		87
57) 2,4-Dinitrotoluene	15.01	165	77632	39.588	ng	#	97
58) Fluorene	15.69	166	247270	40.581	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	72865	38.170	ng		97
60) Diethylphthalate	15.45	149	246912	38.906	ng		98
61) 4-Chlorophenyl-phenylether	15.68	204	141182	39.718	ng		96
62) 4-Nitroaniline	15.72	138	60712	44.374	ng		98
63) Azobenzene	15.97	77	209035	40.698	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	39497m	33.007	ng		
66) n-Nitrosodiphenylamine	15.89	169	216762	37.759	ng		99
67) 4-Bromophenyl-phenylether	16.57	248	103918	37.976	ng		94
68) Hexachlorobenzene	16.70	284	118466	37.715	ng		99
69) Atrazine	16.84	200	68613	34.396	ng		94
70) Pentachlorophenol	17.05	266	50246	35.106	ng		97
71) Phenanthrene	17.43	178	409277	39.307	ng		99
72) Anthracene	17.52	178	406370	39.008	ng		99
73) Carbazole	17.80	167	375436	39.796	ng		98
74) Di-n-butylphthalate	18.34	149	440223	38.458	ng		98
75) Fluoranthene	19.44	202	520136	38.317	ng		99
77) Benzidine	19.62	184	185839	43.640	ng		99
78) Pyrene	19.80	202	529518	40.429	ng		99
80) Butylbenzylphthalate	20.68	149	198777	40.059	ng		98
81) Benzo(a)anthracene	21.63	228	534192	40.303	ng		100
82) 3,3'-Dichlorobenzidine	21.55	252	210759	41.112	ng		98
83) Chrysene	21.70	228	531458	40.356	ng		96
84) Bis(2-ethylhexyl)phthalate	21.53	149	287335	40.764	ng		98
85) Di-n-octyl phthalate	22.73	149	481112	40.231	ng		99
86) Indeno(1,2,3-cd)pyrene	28.49	276	673033	40.714	ng	#	96
88) Benzo(b)fluoranthene	23.84	252	561667	40.354	ng		98
89) Benzo(k)fluoranthene	23.91	252	557349	39.777	ng		100
90) Benzo(a)pyrene	24.70	252	533827	40.164	ng		99
91) Dibenzo(a,h)anthracene	28.54	278	561498	41.302	ng		99
92) Benzo(g,h,i)perylene	29.63	276	547902	40.858	ng		99

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

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