Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061419\
Data File : BG041256.D
Acq On : 14 Jun 2019 16:51
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/17/2019 4:52:32 PM

Quant Time: Jun 15 03:55:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 14 15:26:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	32542	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	145120	20.00	ng		-0.02
39) Acenaphthene-d10	14.73	164	104879	20.00	ng		-0.01
64) Phenanthrene-d10	17.47	188	250113	20.00	ng		-0.01
76) Chrysene-d12	21.74	240	254589	20.00	ng		-0.02
87) Perylene-d12	25.06	264	217124	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	148608	84.15	ng		-0.01
7) Phenol-d6	7.24	99	233593	86.52	ng		0.00
23) Nitrobenzene-d5	9.27	82	276641	82.73	ng		-0.01
42) 2,4,6-Tribromophenol	16.21	330	118264	81.51	ng		-0.01
45) 2-Fluorobiphenyl	13.35	172	630702	79.60	ng		-0.01
79) Terphenyl-d14	20.07	244	1057941	81.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	30523	41.458	ng		95
3) Pyridine	3.90	79	94364	43.872	ng		98
4) n-Nitrosodimethylamine	3.82	42	47834	42.750	ng	#	82
6) Aniline	7.42	93	148600	42.193	ng		98
8) 2-Chlorophenol	7.65	128	91111	41.697	ng		95
9) Benzaldehyde	7.23	77	69724	40.609	ng		91
10) Phenol	7.27	94	122256	42.172	ng		98
11) bis(2-Chloroethyl)ether	7.51	93	83976	39.550	ng		98
12) 1,3-Dichlorobenzene	7.98	146	108794	41.431	ng		97
13) 1,4-Dichlorobenzene	8.13	146	112304	42.051	ng		97
14) 1,2-Dichlorobenzene	8.45	146	106782	41.739	ng		99
15) Benzyl Alcohol	8.33	79	105211	42.339	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	140515	41.349	ng		97
17) 2-Methylphenol	8.53	107	89055	42.522	ng		97
18) Hexachloroethane	9.18	117	43190	41.272	ng		97
19) n-Nitroso-di-n-propylamine	8.90	70	87197	42.196	ng		96
20) 3+4-Methylphenols	8.86	107	122411	42.463	ng		97
22) Acetophenone	8.92	105	166837	41.541	ng	#	99
24) Nitrobenzene	9.32	77	138745	41.384	ng		97
25) Isophorone	9.83	82	241154	40.915	ng		99
26) 2-Nitrophenol	10.03	139	58883	41.505	ng		92
27) 2,4-Dimethylphenol	10.07	122	90489	41.960	ng		95
28) bis(2-Chloroethoxy)methane	10.31	93	131645	41.259	ng		97
29) 2,4-Dichlorophenol	10.56	162	114742	41.566	ng		98
30) 1,2,4-Trichlorobenzene	10.77	180	138335	41.504	ng		97
31) Naphthalene	10.97	128	321627	41.802	ng		99
32) Benzoic acid	10.18	122	41862	52.024	ng		97
33) 4-Chloroaniline	11.08	127	139532	41.526	ng		96
34) Hexachlorobutadiene	11.23	225	104635	40.747	ng		94
35) Caprolactam	11.87	113	32481	41.233	ng		89
36) 4-Chloro-3-methylphenol	12.18	107	121584	41.611	ng		98
37) 2-Methylnaphthalene	12.56	142	238119	41.264	ng		99
38) 1-Methylnaphthalene	12.78	142	230482m	42.352	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	185909	40.740	ng		98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061419.M
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	75648	37.031	ng		99
43) 2,4,6-Trichlorophenol	13.16	196	109620	39.922	ng		95
44) 2,4,5-Trichlorophenol	13.23	196	112108	40.834	ng		98
46) 1,1'-Biphenyl	13.56	154	324780	40.045	ng		99
47) 2-Chloronaphthalene	13.61	162	282011	39.832	ng		99
48) 2-Nitroaniline	13.82	65	97507	39.842	ng		94
49) Acenaphthylene	14.45	152	406268	39.991	ng		99
50) Dimethylphthalate	14.18	163	352953	39.927	ng		98
51) 2,6-Dinitrotoluene	14.30	165	74642	39.356	ng		97
52) Acenaphthene	14.79	154	239302	39.350	ng		95
53) 3-Nitroaniline	14.65	138	74540	40.675	ng		98
54) 2,4-Dinitrophenol	14.84	184	13934	43.782	ng		96
55) Dibenzofuran	15.12	168	415318	40.357	ng		99
56) 4-Nitrophenol	14.94	139	40654	38.958	ng		87
57) 2,4-Dinitrotoluene	15.09	165	105548	40.115	ng		98
58) Fluorene	15.77	166	320246	40.080	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.34	232	106425	42.259	ng		99
60) Diethylphthalate	15.52	149	352599	40.388	ng		98
61) 4-Chlorophenyl-phenylether	15.76	204	208671	39.882	ng		97
62) 4-Nitroaniline	15.80	138	74378	40.080	ng		95
63) Azobenzene	16.05	77	319271	40.577	ng		99
65) 4,6-Dinitro-2-methylphenol	15.85	198	40992	44.538	ng		97
66) n-Nitrosodiphenylamine	15.97	169	280400	40.307	ng		98
67) 4-Bromophenyl-phenylether	16.65	248	134104	40.477	ng		97
68) Hexachlorobenzene	16.77	284	143805	39.922	ng		98
69) Atrazine	16.91	200	102851	41.367	ng		97
70) Pentachlorophenol	17.11	266	57692	42.021	ng		97
71) Phenanthrene	17.51	178	536292	40.705	ng		99
72) Anthracene	17.61	178	538467	41.234	ng		98
73) Carbazole	17.88	167	459564	41.213	ng		99
74) Di-n-butylphthalate	18.41	149	573292	41.381	ng		99
75) Fluoranthene	19.52	202	705766	42.127	ng		98
77) Benzidine	19.70	184	161973	40.978	ng		96
78) Pyrene	19.88	202	713245	40.811	ng		98
80) Butylbenzylphthalate	20.74	149	262685	39.259	ng		98
81) Benzo(a)anthracene	21.73	228	682771	40.556	ng		99
82) 3,3'-Dichlorobenzidine	21.64	252	211215	40.795	ng		99
83) Chrysene	21.80	228	677243	40.699	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	375665	40.320	ng		98
85) Di-n-octyl phthalate	22.82	149	615864	39.816	ng		99
86) Indeno(1,2,3-cd)pyrene	28.86	276	323379	32.367	ng	#	77
88) Benzo(b)fluoranthene	24.00	252	539966	40.706	ng		98
89) Benzo(k)fluoranthene	24.07	252	692385	43.720	ng		100
90) Benzo(a)pyrene	24.90	252	528797	40.919	ng		97
91) Dibenzo(a,h)anthracene	28.93	278	272854m	36.798	ng		
92) Benzo(g,h,i)perylene	30.06	276	281813m	44.179	ng		

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

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