Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090319\
Data File : BG042683.D
Acq On : 3 Sep 2019 11:25
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
9/6/2019 8:17:18 AM

Quant Time: Sep 04 04:17:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	40597	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	170900	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	132669	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	305962	20.00	ng	0.00
76) Chrysene-d12	21.69	240	322325	20.00	ng	0.00
87) Perylene-d12	24.93	264	395275	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	155260	77.46	ng	-0.01
7) Phenol-d6	7.17	99	210207	77.64	ng	0.00
23) Nitrobenzene-d5	9.17	82	194356	78.59	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	154733	82.06	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	655997	83.63	ng	0.00
79) Terphenyl-d14	20.02	244	1204480	80.79	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.42	88	29271	34.992	ng	98
3) Pyridine	3.82	79	77385	36.077	ng	98
4) n-Nitrosodimethylamine	3.74	42	30246	39.479	ng	96
6) Aniline	7.32	93	133542	36.978	ng	99
8) 2-Chlorophenol	7.56	128	97997	40.339	ng	98
9) Benzaldehyde	7.13	77	51640	38.095	ng	97
10) Phenol	7.19	94	107629	39.096	ng	95
11) bis(2-Chloroethyl)ether	7.41	93	79902	36.956	ng	95
12) 1,3-Dichlorobenzene	7.89	146	124390	40.251	ng	97
13) 1,4-Dichlorobenzene	8.03	146	126173	40.306	ng	96
14) 1,2-Dichlorobenzene	8.36	146	122332	40.808	ng	98
15) Benzyl Alcohol	8.24	79	78027	40.055	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	105035	35.843	ng	98
17) 2-Methylphenol	8.45	107	78644	38.785	ng	96
18) Hexachloroethane	9.09	117	42230	39.407	ng	86
19) n-Nitroso-di-n-propylamine	8.81	70	64237	36.620	ng	96
20) 3+4-Methylphenols	8.78	107	108176	38.554	ng	98
22) Acetophenone	8.82	105	142486	38.981	ng	98
24) Nitrobenzene	9.21	77	96526	38.543	ng	99
25) Isophorone	9.74	82	182268	37.345	ng	98
26) 2-Nitrophenol	9.93	139	61979	39.492	ng	97
27) 2,4-Dimethylphenol	9.99	122	85348	39.479	ng	98
28) bis(2-Chloroethoxy)methane	10.21	93	115129	37.426	ng	97
29) 2,4-Dichlorophenol	10.47	162	117974	41.710	ng	98
30) 1,2,4-Trichlorobenzene	10.68	180	147557	42.502	ng	97
31) Naphthalene	10.87	128	319100	40.217	ng	98
32) Benzoic acid	10.16	122	48573	33.859	ng	98
33) 4-Chloroaniline	10.98	127	144785	39.529	ng	99
34) Hexachlorobutadiene	11.16	225	104281	44.694	ng	98
35) Caprolactam	11.77	113	36358	38.523	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	109229	40.681	ng	100
37) 2-Methylnaphthalene	12.48	142	260245	40.848	ng	97
38) 1-Methylnaphthalene	12.70	142	248213	41.016	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	181438	42.586	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	76106	34.007	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	117141	40.677	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	119688	40.106	ng		98
46) 1,1'-Biphenyl	13.49	154	342619	39.952	ng		98
47) 2-Chloronaphthalene	13.53	162	301977	40.837	ng		99
48) 2-Nitroaniline	13.73	65	68848	38.610	ng		97
49) Acenaphthylene	14.38	152	445179	40.016	ng		100
50) Dimethylphthalate	14.11	163	380933	39.794	ng		99
51) 2,6-Dinitrotoluene	14.23	165	86917	39.172	ng		98
52) Acenaphthene	14.72	154	269301	39.865	ng		99
53) 3-Nitroaniline	14.56	138	82950	37.381	ng		99
54) 2,4-Dinitrophenol	14.78	184	44488	33.677	ng		97
55) Dibenzofuran	15.06	168	454094	40.610	ng		99
56) 4-Nitrophenol	14.89	139	55370	35.115	ng		95
57) 2,4-Dinitrotoluene	15.03	165	125950	39.640	ng		98
58) Fluorene	15.71	166	373318	40.842	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	119033	40.333	ng		93
60) Diethylphthalate	15.47	149	368680	39.399	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	227204	41.234	ng		100
62) 4-Nitroaniline	15.73	138	92416	38.913	ng		93
63) Azobenzene	15.99	77	239301	37.320	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	63095	32.892	ng		99
66) n-Nitrosodiphenylamine	15.91	169	337868	40.155	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	158267	40.781	ng		98
68) Hexachlorobenzene	16.72	284	174845	41.444	ng		98
69) Atrazine	16.87	200	129629	43.565	ng		95
70) Pentachlorophenol	17.07	266	76166	34.746	ng		98
71) Phenanthrene	17.45	178	623817	41.047	ng		99
72) Anthracene	17.55	178	627584	41.365	ng		99
73) Carbazole	17.82	167	541081	40.016	ng		98
74) Di-n-butylphthalate	18.37	149	637727	39.898	ng		100
75) Fluoranthene	19.47	202	786814	42.421	ng		96
77) Benzidine	19.64	184	487856	52.791	ng		98
78) Pyrene	19.83	202	787161	39.833	ng		99
80) Butylbenzylphthalate	20.71	149	300154	38.617	ng		96
81) Benzo(a)anthracene	21.67	228	817091	41.672	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	322589	40.907	ng		99
83) Chrysene	21.74	228	779975	41.247	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	423937	39.283	ng		98
85) Di-n-octyl phthalate	22.78	149	735356	39.618	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1024682	39.874	ng	#	90
88) Benzo(b)fluoranthene	23.90	252	891372m	41.019	ng		
89) Benzo(k)fluoranthene	23.97	252	838956	40.165	ng		99
90) Benzo(a)pyrene	24.78	252	835518	40.519	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	848834	40.656	ng		98
92) Benzo(g,h,i)perylene	29.82	276	818063	39.176	ng		97

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

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