Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060419\
Data File : BG041065.D
Acq On : 4 Jun 2019 20:09
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/5/2019 3:40:14 PM

Quant Time: Jun 05 05:51:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	29890	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	119064	20.00	ng	-0.02
39) Acenaphthene-d10	14.74	164	86074	20.00	ng	-0.02
64) Phenanthrene-d10	17.48	188	241329	20.00	ng	-0.02
76) Chrysene-d12	21.77	240	285064	20.00	ng	-0.02
87) Perylene-d12	25.10	264	314818	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	144432	87.13	ng	-0.01
7) Phenol-d6	7.26	99	200913	78.48	ng	-0.01
23) Nitrobenzene-d5	9.29	82	226579	84.48	ng	-0.02
42) 2,4,6-Tribromophenol	16.23	330	110224	86.26	ng	-0.02
45) 2-Fluorobiphenyl	13.37	172	497756	83.28	ng	-0.02
79) Terphenyl-d14	20.08	244	1124284	83.70	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.51	88	31687	42.127	ng	93
3) Pyridine	3.92	79	93424	41.975	ng	98
4) n-Nitrosodimethylamine	3.84	42	48801	47.243	ng	87
6) Aniline	7.43	93	140064	40.990	ng	96
8) 2-Chlorophenol	7.67	128	79711	40.336	ng	93
9) Benzaldehyde	7.25	77	64117	41.986	ng	89
10) Phenol	7.28	94	110193	40.146	ng	97
11) bis(2-Chloroethyl)ether	7.53	93	79313	39.831	ng	95
12) 1,3-Dichlorobenzene	8.00	146	101012	42.797	ng	99
13) 1,4-Dichlorobenzene	8.15	146	100238	41.956	ng	95
14) 1,2-Dichlorobenzene	8.47	146	95381	41.118	ng	97
15) Benzyl Alcohol	8.35	79	93839	39.626	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.64	45	126152	38.771	ng	98
17) 2-Methylphenol	8.54	107	75862	38.172	ng	96
18) Hexachloroethane	9.19	117	37682	40.923	ng	90
19) n-Nitroso-di-n-propylamine	8.91	70	72738	36.922	ng	97
20) 3+4-Methylphenols	8.88	107	103800	37.706	ng	97
22) Acetophenone	8.94	105	139690	41.824	ng	96
24) Nitrobenzene	9.33	77	116079	42.470	ng	100
25) Isophorone	9.84	82	208733	40.895	ng	97
26) 2-Nitrophenol	10.04	139	49352	43.800	ng	99
27) 2,4-Dimethylphenol	10.08	122	74456	40.010	ng	97
28) bis(2-Chloroethoxy)methane	10.33	93	108343	39.329	ng	98
29) 2,4-Dichlorophenol	10.58	162	90512	38.302	ng	95
30) 1,2,4-Trichlorobenzene	10.79	180	108940	40.524	ng	97
31) Naphthalene	10.99	128	261742	40.944	ng	99
32) Benzoic acid	10.17	122	36039m	28.818	ng	
33) 4-Chloroaniline	11.09	127	118132	39.827	ng	96
34) Hexachlorobutadiene	11.24	225	81368	39.558	ng	94
35) Caprolactam	11.88	113	34949	44.785	ng	91
36) 4-Chloro-3-methylphenol	12.20	107	103364	38.299	ng	97
37) 2-Methylnaphthalene	12.58	142	188126	38.210	ng	99
38) 1-Methylnaphthalene	12.80	142	178201	38.409	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	136357	39.304	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	67853	40.874	ng		97
43) 2,4,6-Trichlorophenol	13.18	196	89589	39.918	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	98050	41.425	ng		99
46) 1,1'-Biphenyl	13.58	154	253907	39.851	ng		100
47) 2-Chloronaphthalene	13.62	162	221180	40.437	ng		99
48) 2-Nitroaniline	13.83	65	86940	44.306	ng		99
49) Acenaphthylene	14.47	152	337168	40.957	ng		98
50) Dimethylphthalate	14.19	163	301709	41.408	ng		100
51) 2,6-Dinitrotoluene	14.32	165	65191	41.497	ng		93
52) Acenaphthene	14.81	154	197351	39.573	ng		99
53) 3-Nitroaniline	14.65	138	70918	45.145	ng		93
54) 2,4-Dinitrophenol	14.86	184	19435	34.433	ng	#	86
55) Dibenzofuran	15.14	168	346389	41.279	ng		95
56) 4-Nitrophenol	14.95	139	52906	49.101	ng		89
57) 2,4-Dinitrotoluene	15.10	165	99271	44.735	ng	#	99
58) Fluorene	15.79	166	279039	41.755	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	100659	43.274	ng		97
60) Diethylphthalate	15.54	149	307479	41.351	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	171586	39.502	ng		96
62) 4-Nitroaniline	15.82	138	82169	49.407	ng		95
63) Azobenzene	16.06	77	273723	40.502	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	44983	37.150	ng		95
66) n-Nitrosodiphenylamine	15.99	169	256790	37.852	ng		96
67) 4-Bromophenyl-phenylether	16.67	248	117572	36.100	ng		98
68) Hexachlorobenzene	16.78	284	127113	36.653	ng		95
69) Atrazine	16.93	200	113955	43.533	ng		97
70) Pentachlorophenol	17.13	266	64640	37.199	ng		99
71) Phenanthrene	17.53	178	521031	41.449	ng		99
72) Anthracene	17.62	178	520797	42.007	ng		99
73) Carbazole	17.89	167	489633	46.027	ng		99
74) Di-n-butylphthalate	18.42	149	581154	43.955	ng		99
75) Fluoranthene	19.53	202	741982	47.788	ng		98
77) Benzidine	19.71	184	325169	47.817	ng		96
78) Pyrene	19.89	202	753033	40.636	ng		98
80) Butylbenzylphthalate	20.76	149	291264	40.389	ng		98
81) Benzo(a)anthracene	21.74	228	781368	41.177	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	292832	43.875	ng		99
83) Chrysene	21.81	228	742067	40.865	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	409071	40.296	ng		97
85) Di-n-octyl phthalate	22.85	149	696635	41.204	ng		99
86) Indeno(1,2,3-cd)pyrene	28.92	276	903847	40.633	ng	#	98
88) Benzo(b)fluoranthene	24.03	252	768577	40.251	ng		99
89) Benzo(k)fluoranthene	24.11	252	752113	39.804	ng		100
90) Benzo(a)pyrene	24.94	252	722913	39.682	ng		97
91) Dibenzo(a,h)anthracene	28.99	278	728586	40.025	ng		99
92) Benzo(g,h,i)perylene	30.13	276	729298	41.238	ng		98

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

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