Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060519\
Data File : BG041080.D
Acq On : 5 Jun 2019 20:09
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jun 06 04:25:26 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	39759	20.00	ng		-0.02
21) Naphthalene-d8	10.93	136	149624	20.00	ng		-0.02
39) Acenaphthene-d10	14.74	164	100854	20.00	ng		-0.02
64) Phenanthrene-d10	17.49	188	253485	20.00	ng		-0.02
76) Chrysene-d12	21.77	240	280104	20.00	ng		-0.02
87) Perylene-d12	25.10	264	314320	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	185523	84.14	ng		-0.01
7) Phenol-d6	7.26	99	253925	74.57	ng		-0.01
23) Nitrobenzene-d5	9.29	82	290902	86.31	ng		-0.02
42) 2,4,6-Tribromophenol	16.23	330	125658	83.93	ng		-0.02
45) 2-Fluorobiphenyl	13.37	172	614602	87.76	ng		-0.02
79) Terphenyl-d14	20.08	244	1129788	85.60	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	40976	40.954	ng		95
3) Pyridine	3.92	79	121717	41.113	ng		98
4) n-Nitrosodimethylamine	3.85	42	59467	43.279	ng		93
6) Aniline	7.44	93	173888	38.257	ng		97
8) 2-Chlorophenol	7.67	128	103756	39.471	ng		95
9) Benzaldehyde	7.25	77	80985	39.868	ng		89
10) Phenol	7.29	94	138227	37.859	ng		98
11) bis(2-Chloroethyl)ether	7.53	93	105537	39.845	ng		95
12) 1,3-Dichlorobenzene	8.00	146	127017	40.457	ng		99
13) 1,4-Dichlorobenzene	8.15	146	130624	41.103	ng		99
14) 1,2-Dichlorobenzene	8.47	146	121705	39.443	ng		97
15) Benzyl Alcohol	8.35	79	118647	37.666	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.63	45	161413	37.294	ng		99
17) 2-Methylphenol	8.55	107	95343	36.066	ng		96
18) Hexachloroethane	9.20	117	51205	41.806	ng		98
19) n-Nitroso-di-n-propylamine	8.92	70	92771	35.402	ng		99
20) 3+4-Methylphenols	8.87	107	127954	34.943	ng		99
22) Acetophenone	8.94	105	180028	42.892	ng	#	96
24) Nitrobenzene	9.34	77	145691	42.417	ng		99
25) Isophorone	9.85	82	254554	39.687	ng		99
26) 2-Nitrophenol	10.04	139	60685	42.858	ng		94
27) 2,4-Dimethylphenol	10.08	122	91775	39.244	ng		92
28) bis(2-Chloroethoxy)methane	10.33	93	138375	39.971	ng		96
29) 2,4-Dichlorophenol	10.57	162	118232	39.813	ng		96
30) 1,2,4-Trichlorobenzene	10.79	180	146431	43.345	ng		95
31) Naphthalene	10.99	128	335815	41.802	ng		100
32) Benzoic acid	10.21	122	60971	35.981	ng		94
33) 4-Chloroaniline	11.09	127	148819	39.925	ng		95
34) Hexachlorobutadiene	11.25	225	109473	42.351	ng		97
35) Caprolactam	11.89	113	37478	38.217	ng		98
36) 4-Chloro-3-methylphenol	12.20	107	127133	37.485	ng		97
37) 2-Methylnaphthalene	12.58	142	236970	38.300	ng		99
38) 1-Methylnaphthalene	12.80	142	224751	38.548	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	176550	43.432	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	86127	43.593	ng		99
43) 2,4,6-Trichlorophenol	13.18	196	110864	42.159	ng		96
44) 2,4,5-Trichlorophenol	13.25	196	112372	40.518	ng		99
46) 1,1'-Biphenyl	13.58	154	320175	42.888	ng		98
47) 2-Chloronaphthalene	13.63	162	273123	42.616	ng		99
48) 2-Nitroaniline	13.83	65	99762	43.390	ng		96
49) Acenaphthylene	14.47	152	402144	41.691	ng		99
50) Dimethylphthalate	14.19	163	344418	40.343	ng		100
51) 2,6-Dinitrotoluene	14.32	165	75618	41.081	ng		96
52) Acenaphthene	14.81	154	242282	41.463	ng		92
53) 3-Nitroaniline	14.65	138	79536	43.211	ng		96
54) 2,4-Dinitrophenol	14.86	184	36629	47.722	ng		94
55) Dibenzofuran	15.14	168	413506	42.056	ng		98
56) 4-Nitrophenol	14.94	139	60043	47.558	ng		96
57) 2,4-Dinitrotoluene	15.11	165	111933	43.048	ng	#	96
58) Fluorene	15.79	166	325493	41.568	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	114321	41.945	ng		98
60) Diethylphthalate	15.54	149	348438	39.992	ng		100
61) 4-Chlorophenyl-phenylether	15.78	204	206711	40.614	ng		96
62) 4-Nitroaniline	15.82	138	88001	45.160	ng		99
63) Azobenzene	16.06	77	319764	40.380	ng		97
65) 4,6-Dinitro-2-methylphenol	15.86	198	60342	45.064	ng		96
66) n-Nitrosodiphenylamine	15.99	169	292661	41.071	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	134925	39.442	ng		97
68) Hexachlorobenzene	16.78	284	145867	40.044	ng		99
69) Atrazine	16.93	200	110930	40.345	ng		97
70) Pentachlorophenol	17.13	266	81911	43.999	ng		96
71) Phenanthrene	17.53	178	560786	42.472	ng		100
72) Anthracene	17.62	178	567578	43.585	ng		99
73) Carbazole	17.89	167	512437	45.861	ng		99
74) Di-n-butylphthalate	18.43	149	593639	42.746	ng		99
75) Fluoranthene	19.53	202	755312	46.313	ng		100
77) Benzidine	19.71	184	317188	47.469	ng		99
78) Pyrene	19.89	202	761337	41.812	ng		98
80) Butylbenzylphthalate	20.76	149	299375	42.249	ng		98
81) Benzo(a)anthracene	21.75	228	803208	43.078	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	302003	46.051	ng		99
83) Chrysene	21.82	228	770787	43.198	ng		100
84) Bis(2-ethylhexyl)phthalate	21.62	149	417741	41.878	ng		98
85) Di-n-octyl phthalate	22.86	149	716096	43.105	ng		99
86) Indeno(1,2,3-cd)pyrene	28.92	276	945180	43.243	ng		99
88) Benzo(b)fluoranthene	24.03	252	804782	42.213	ng		99
89) Benzo(k)fluoranthene	24.10	252	783581	41.535	ng		99
90) Benzo(a)pyrene	24.94	252	765289	42.074	ng		97
91) Dibenzo(a,h)anthracene	29.00	278	773309	42.549	ng		99
92) Benzo(g,h,i)perylene	30.14	276	761408	43.122	ng		97

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

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