Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011819\
Data File : BG039227.D
Acq On : 18 Jan 2019 22:29
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Quant Time: Jan 18 23:11:17 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	19308	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	80983	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	58383	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	151204	20.00	ng		0.00
76) Chrysene-d12	21.68	240	158176	20.00	ng		0.00
87) Perylene-d12	24.93	264	162235	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	85654	84.15	ng		0.00
7) Phenol-d6	7.17	99	125194	85.47	ng		0.00
23) Nitrobenzene-d5	9.19	82	119972	81.06	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	79108	80.83	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	338908	79.44	ng		0.00
79) Terphenyl-d14	20.00	244	726633	84.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	15567	39.056	ng		97
3) Pyridine	3.85	79	42966	39.672	ng		96
4) n-Nitrosodimethylamine	3.77	42	21238	43.578	ng		89
6) Aniline	7.34	93	71174	40.459	ng		99
8) 2-Chlorophenol	7.57	128	48368	40.313	ng		96
9) Benzaldehyde	7.15	77	32554	38.537	ng		97
10) Phenol	7.20	94	62398	42.489	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	44254	39.428	ng		98
12) 1,3-Dichlorobenzene	7.89	146	56208	39.101	ng		98
13) 1,4-Dichlorobenzene	8.04	146	57091	39.214	ng		96
14) 1,2-Dichlorobenzene	8.36	146	54800	39.478	ng		99
15) Benzyl Alcohol	8.26	79	47199	42.788	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	89043	41.372	ng		98
17) 2-Methylphenol	8.46	107	41850	41.040	ng		94
18) Hexachloroethane	9.08	117	19909	40.252	ng		95
19) n-Nitroso-di-n-propylamine	8.81	70	39145	40.696	ng		99
20) 3+4-Methylphenols	8.78	107	59368	40.834	ng		98
22) Acetophenone	8.84	105	82370	38.948	ng	#	99
24) Nitrobenzene	9.23	77	58450	39.073	ng		98
25) Isophorone	9.74	82	107139	42.027	ng		97
26) 2-Nitrophenol	9.94	139	35095	43.374	ng		96
27) 2,4-Dimethylphenol	9.99	122	48569	42.666	ng		91
28) bis(2-Chloroethoxy)methane	10.22	93	62877	41.038	ng		98
29) 2,4-Dichlorophenol	10.48	162	60235	42.593	ng		98
30) 1,2,4-Trichlorobenzene	10.68	180	69082	40.656	ng		92
31) Naphthalene	10.88	128	158935	39.131	ng		99
32) Benzoic acid	10.17	122	25834	39.084	ng		94
33) 4-Chloroaniline	10.99	127	72471	39.876	ng		97
34) Hexachlorobutadiene	11.13	225	46940	40.148	ng		94
35) Caprolactam	11.79	113	23398	41.260	ng		98
36) 4-Chloro-3-methylphenol	12.12	107	68987	45.609	ng		90
37) 2-Methylnaphthalene	12.48	142	128240	42.112	ng		99
38) 1-Methylnaphthalene	12.70	142	123408	42.221	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	90122	41.102	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	43673	38.565	ng		95
43) 2,4,6-Trichlorophenol	13.09	196	57534	41.692	ng		100
44) 2,4,5-Trichlorophenol	13.17	196	58610	40.185	ng		95
46) 1,1'-Biphenyl	13.48	154	181759	39.290	ng		97
47) 2-Chloronaphthalene	13.53	162	147063	39.284	ng		98
48) 2-Nitroaniline	13.75	65	46402	44.244	ng		98
49) Acenaphthylene	14.38	152	228510	40.611	ng		99
50) Dimethylphthalate	14.11	163	196653	39.860	ng		99
51) 2,6-Dinitrotoluene	14.24	165	43551	39.483	ng		98
52) Acenaphthene	14.72	154	135495	40.078	ng		97
53) 3-Nitroaniline	14.58	138	43463	38.842	ng		93
54) 2,4-Dinitrophenol	14.78	184	26006	42.166	ng		95
55) Dibenzofuran	15.05	168	242722	40.651	ng		99
56) 4-Nitrophenol	14.88	139	32364	40.198	ng		98
57) 2,4-Dinitrotoluene	15.02	165	63151	39.906	ng	#	96
58) Fluorene	15.70	166	178680	39.757	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	55747	40.490	ng		100
60) Diethylphthalate	15.46	149	202197	39.778	ng		100
61) 4-Chlorophenyl-phenylether	15.68	204	113651	40.138	ng		98
62) 4-Nitroaniline	15.74	138	46109	39.556	ng		98
63) Azobenzene	15.98	77	163094	41.028	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	44129	39.394	ng		96
66) n-Nitrosodiphenylamine	15.91	169	178773	39.883	ng		99
67) 4-Bromophenyl-phenylether	16.58	248	77196	39.717	ng		100
68) Hexachlorobenzene	16.70	284	81379	38.370	ng		99
69) Atrazine	16.85	200	72120	37.874	ng		96
70) Pentachlorophenol	17.05	266	47308	39.284	ng		96
71) Phenanthrene	17.45	178	309780	38.760	ng		99
72) Anthracene	17.53	178	309884	39.215	ng		100
73) Carbazole	17.81	167	309209	39.638	ng		99
74) Di-n-butylphthalate	18.34	149	340771	39.268	ng		100
75) Fluoranthene	19.45	202	443206	44.733	ng		100
77) Benzidine	19.64	184	203449	42.052	ng		99
78) Pyrene	19.82	202	449757	44.617	ng		99
80) Butylbenzylphthalate	20.68	149	157080	40.971	ng		99
81) Benzo(a)anthracene	21.65	228	375910	39.040	ng		100
82) 3,3'-Dichlorobenzidine	21.57	252	157211	40.071	ng		97
83) Chrysene	21.72	228	360314	39.344	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	226906	42.624	ng		97
85) Di-n-octyl phthalate	22.73	149	361768	40.190	ng		99
86) Indeno(1,2,3-cd)pyrene	28.68	276	419688	38.353	ng		99
88) Benzo(b)fluoranthene	23.89	252	369152	41.266	ng		98
89) Benzo(k)fluoranthene	23.96	252	366873	41.479	ng		99
90) Benzo(a)pyrene	24.78	252	344544	39.847	ng		98
91) Dibenzo(a,h)anthracene	28.74	278	348312	40.499	ng		99
92) Benzo(g,h,i)perylene	29.85	276	340813	40.028	ng		96

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

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