Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012919\
Data File : BG039316.D
Acq On : 29 Jan 2019 13:33
Operator : JU/SJ
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC080

Quant Time: Jan 29 14:35:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 12:14:08 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.18	152	49016	20.00	ng		0.00
21) Naphthalene-d8	11.01	136	205949	20.00	ng		0.00
39) Acenaphthene-d10	14.81	164	135476	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	314984	20.00	ng		0.00
76) Chrysene-d12	21.85	240	295015	20.00	ng		0.00
87) Perylene-d12	25.25	264	310555	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	447169	173.06	ng		0.00
7) Phenol-d6	7.33	99	669674	180.09	ng		0.00
23) Nitrobenzene-d5	9.37	82	600356	159.51	ng		0.00
42) 2,4,6-Tribromophenol	16.30	330	250352	110.24	ng		0.00
45) 2-Fluorobiphenyl	13.44	172	1383629	139.77	ng		0.00
79) Terphenyl-d14	20.15	244	1955821	122.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	96894	95.758	ng		97
3) Pyridine	4.02	79	255123	92.790	ng		97
4) n-Nitrosodimethylamine	3.94	42	134803	108.956	ng		100
6) Aniline	7.51	93	405895	90.888	ng		98
8) 2-Chlorophenol	7.74	128	244180	80.167	ng		98
9) Benzaldehyde	7.33	77	126790	59.124	ng		98
10) Phenol	7.36	94	339798	91.144	ng		99
11) bis(2-Chloroethyl)ether	7.60	93	268342	94.175	ng		98
12) 1,3-Dichlorobenzene	8.07	146	289490	79.327	ng		97
13) 1,4-Dichlorobenzene	8.22	146	295299	79.898	ng		99
14) 1,2-Dichlorobenzene	8.54	146	275826	78.272	ng		99
15) Benzyl Alcohol	8.42	79	270367	96.547	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.71	45	583379	106.773	ng		100
17) 2-Methylphenol	8.61	107	223660	86.398	ng		99
18) Hexachloroethane	9.27	117	103241	82.223	ng		96
19) n-Nitroso-di-n-propylamine	9.00	70	234015	95.834	ng		98
20) 3+4-Methylphenols	8.95	107	320170	86.746	ng		98
22) Acetophenone	9.02	105	432366	80.390	ng	#	99
24) Nitrobenzene	9.41	77	315564	82.950	ng		99
25) Isophorone	9.93	82	585241	90.270	ng		98
26) 2-Nitrophenol	10.12	139	133879	65.062	ng		95
27) 2,4-Dimethylphenol	10.16	122	240141	82.952	ng		96
28) bis(2-Chloroethoxy)methane	10.41	93	359052	92.149	ng		96
29) 2,4-Dichlorophenol	10.65	162	275871	76.707	ng		93
30) 1,2,4-Trichlorobenzene	10.86	180	293026	67.811	ng		98
31) Naphthalene	11.06	128	797526	77.210	ng		98
32) Benzoic acid	10.32	122	169622	110.611	ng		93
33) 4-Chloroaniline	11.17	127	380450	82.315	ng		99
34) Hexachlorobutadiene	11.33	225	198414	66.730	ng		97
35) Caprolactam	11.99	113	113748	78.873	ng		98
36) 4-Chloro-3-methylphenol	12.27	107	308682	80.248	ng		100
37) 2-Methylnaphthalene	12.65	142	583781	75.383	ng		99
38) 1-Methylnaphthalene	12.87	142	566627	76.229	ng		100
40) 1,2,4,5-Tetrachlorobenzene	13.01	216	346676	68.137	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.98	237	209381	83.704	ng		99
43) 2,4,6-Trichlorophenol	13.24	196	224510	70.111	ng		95
44) 2,4,5-Trichlorophenol	13.31	196	238224	70.388	ng		97
46) 1,1'-Biphenyl	13.65	154	857817	79.910	ng		97
47) 2-Chloronaphthalene	13.70	162	655362	75.442	ng		98
48) 2-Nitroaniline	13.90	65	215534	88.563	ng		99
49) Acenaphthylene	14.54	152	970222	74.307	ng		96
50) Dimethylphthalate	14.27	163	828442	72.364	ng		100
51) 2,6-Dinitrotoluene	14.39	165	175356	68.511	ng		92
52) Acenaphthene	14.88	154	631592	80.510	ng		98
53) 3-Nitroaniline	14.72	138	186451	71.808	ng	#	95
54) 2,4-Dinitrophenol	14.92	184	71846	54.312	ng		99
55) Dibenzofuran	15.21	168	1000255	72.194	ng		96
56) 4-Nitrophenol	15.00	139	158905	85.056	ng		94
57) 2,4-Dinitrotoluene	15.17	165	230748	62.838	ng		93
58) Fluorene	15.86	166	738942	70.855	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.42	232	222140	69.531	ng		98
60) Diethylphthalate	15.62	149	852387	72.265	ng		98
61) 4-Chlorophenyl-phenylether	15.84	204	431484	65.671	ng		99
62) 4-Nitroaniline	15.89	138	190489	70.424	ng		98
63) Azobenzene	16.14	77	834169	90.433	ng		97
65) 4,6-Dinitro-2-methylphenol	15.93	198	123657	52.990	ng		98
66) n-Nitrosodiphenylamine	16.06	169	743677	79.643	ng		98
67) 4-Bromophenyl-phenylether	16.74	248	285081	70.408	ng		99
68) Hexachlorobenzene	16.85	284	290571	65.767	ng		97
69) Atrazine	17.00	200	220136	55.495	ng		98
70) Pentachlorophenol	17.19	266	210792	89.175	ng		99
71) Phenanthrene	17.60	178	1207096	72.502	ng		96
72) Anthracene	17.69	178	1198248	72.791	ng		97
73) Carbazole	17.96	167	1178425	72.516	ng		98
74) Di-n-butylphthalate	18.50	149	1359799	75.218	ng		97
75) Fluoranthene	19.60	202	1363594	66.067	ng		99
78) Pyrene	19.96	202	1393942	74.142	ng		96
80) Butylbenzylphthalate	20.84	149	639158	89.384	ng		97
81) Benzo(a)anthracene	21.83	228	1341977	74.725	ng		98
82) 3,3'-Dichlorobenzidine	21.74	252	489274	66.865	ng		98
83) Chrysene	21.91	228	1284321	75.192	ng		97
84) Bis(2-ethylhexyl)phthalate	21.71	149	884115	89.045	ng		100
85) Di-n-octyl phthalate	22.99	149	1466570	87.354	ng		98
86) Indeno(1,2,3-cd)pyrene	29.17	276	1483613	72.692	ng		98
88) Benzo(b)fluoranthene	24.16	252	1333336	77.864	ng		99
89) Benzo(k)fluoranthene	24.24	252	1278915	75.537	ng		99
90) Benzo(a)pyrene	25.09	252	1283547	77.548	ng		98
91) Dibenzo(a,h)anthracene	29.26	278	1208620	73.412	ng		98
92) Benzo(g,h,i)perylene	30.42	276	1223164	75.047	ng		98

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

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