Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039556.D
Acq On : 19 Feb 2019 14:57
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Feb 19 23:49:45 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 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	64294	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	297639	20.00	ng		-0.02
39) Acenaphthene-d10	14.80	164	212852	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	496716	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	486449	20.00	ng		-0.02
87) Perylene-d12	25.20	264	494091	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	299128	79.63	ng		0.00
7) Phenol-d6	7.31	99	481354	87.05	ng		0.00
23) Nitrobenzene-d5	9.34	82	459345	96.41	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	205494	89.66	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	1110594	74.85	ng		-0.02
79) Terphenyl-d14	20.13	244	1658341	72.16	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	60465	36.797	ng		93
3) Pyridine	4.00	79	176036	40.462	ng		98
4) n-Nitrosodimethylamine	3.93	42	81294	37.363	ng		92
6) Aniline	7.49	93	288801	41.697	ng		99
8) 2-Chlorophenol	7.73	128	175076	42.636	ng		96
9) Benzaldehyde	7.31	77	118922	44.434	ng		97
10) Phenol	7.34	94	250151	43.398	ng		97
11) bis(2-Chloroethyl)ether	7.58	93	190178	41.754	ng		98
12) 1,3-Dichlorobenzene	8.05	146	195101	39.221	ng		98
13) 1,4-Dichlorobenzene	8.20	146	200284	40.395	ng		99
14) 1,2-Dichlorobenzene	8.52	146	194589	40.541	ng		99
15) Benzyl Alcohol	8.40	79	193286	44.524	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.69	45	370722	36.042	ng		99
17) 2-Methylphenol	8.60	107	160783	43.104	ng		95
18) Hexachloroethane	9.26	117	69276	40.612	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	167695	42.728	ng		92
20) 3+4-Methylphenols	8.93	107	236821	46.104	ng		97
22) Acetophenone	9.00	105	316439	39.579	ng	#	94
24) Nitrobenzene	9.39	77	234283	45.517	ng		97
25) Isophorone	9.90	82	421906	39.961	ng		98
26) 2-Nitrophenol	10.10	139	117231	55.370	ng		96
27) 2,4-Dimethylphenol	10.14	122	180806	42.334	ng		95
28) bis(2-Chloroethoxy)methane	10.38	93	265180	40.778	ng		95
29) 2,4-Dichlorophenol	10.63	162	214136	45.875	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	215143	41.053	ng		98
31) Naphthalene	11.04	128	579438	39.242	ng		98
32) Benzoic acid	10.28	122	138862	49.342	ng		97
33) 4-Chloroaniline	11.15	127	290938	42.495	ng		99
34) Hexachlorobutadiene	11.31	225	141811	40.690	ng		96
35) Caprolactam	11.95	113	88096	45.608	ng		91
36) 4-Chloro-3-methylphenol	12.25	107	246799	45.718	ng		96
37) 2-Methylnaphthalene	12.63	142	433394	39.629	ng		98
38) 1-Methylnaphthalene	12.85	142	428145	40.613	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	268146	39.594	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	165115	44.742	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	185642	44.583	ng		97
44) 2,4,5-Trichlorophenol	13.30	196	196085	44.930	ng		99
46) 1,1'-Biphenyl	13.63	154	668233	37.732	ng		99
47) 2-Chloronaphthalene	13.68	162	521844	39.169	ng		98
48) 2-Nitroaniline	13.88	65	186868	48.684	ng		94
49) Acenaphthylene	14.52	152	774523	38.528	ng		99
50) Dimethylphthalate	14.24	163	665499	38.713	ng		100
51) 2,6-Dinitrotoluene	14.37	165	152882	47.641	ng		96
52) Acenaphthene	14.86	154	494471	37.893	ng		98
53) 3-Nitroaniline	14.71	138	160640	46.538	ng	#	96
54) 2,4-Dinitrophenol	14.91	184	67055	55.602	ng		93
55) Dibenzofuran	15.19	168	811291	38.777	ng		98
56) 4-Nitrophenol	14.99	139	120359	41.712	ng		88
57) 2,4-Dinitrotoluene	15.15	165	215037	51.558	ng	#	84
58) Fluorene	15.83	166	596283	38.231	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	178143	43.596	ng		99
60) Diethylphthalate	15.59	149	672950	37.861	ng		96
61) 4-Chlorophenyl-phenylether	15.82	204	352339	39.897	ng		97
62) 4-Nitroaniline	15.87	138	164982	45.962	ng		92
63) Azobenzene	16.12	77	629028	36.209	ng		96
65) 4,6-Dinitro-2-methylphenol	15.91	198	115715	55.603	ng		96
66) n-Nitrosodiphenylamine	16.04	169	596675	39.506	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	230740	41.873	ng		96
68) Hexachlorobenzene	16.83	284	233805	42.289	ng		94
69) Atrazine	16.97	200	189907	34.407	ng		97
70) Pentachlorophenol	17.17	266	154034	40.086	ng		97
71) Phenanthrene	17.58	178	975850	37.958	ng		98
72) Anthracene	17.67	178	974507	38.483	ng		99
73) Carbazole	17.94	167	942533	37.296	ng		100
74) Di-n-butylphthalate	18.47	149	1086350	36.847	ng		99
75) Fluoranthene	19.58	202	1129105	37.839	ng		99
77) Benzidine	19.76	184	524292	32.874	ng		99
78) Pyrene	19.94	202	1145547	37.828	ng		99
80) Butylbenzylphthalate	20.80	149	508399	39.798	ng		99
81) Benzo(a)anthracene	21.80	228	1116772	38.852	ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	434351	40.753	ng		99
83) Chrysene	21.87	228	1067908	39.028	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	720068	39.511	ng		99
85) Di-n-octyl phthalate	22.93	149	1197245	39.764	ng		97
86) Indeno(1,2,3-cd)pyrene	29.09	276	1107772	37.734	ng	#	95
88) Benzo(b)fluoranthene	24.12	252	1078650	40.031	ng		99
89) Benzo(k)fluoranthene	24.19	252	1014959	37.518	ng		98
90) Benzo(a)pyrene	25.05	252	1033919	39.842	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	882217	36.301	ng		99
92) Benzo(g,h,i)perylene	30.31	276	891134	36.789	ng		99

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

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