Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032219\
Data File : BG040080.D
Acq On : 22 Mar 2019 12:54
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Mar 22 18:06:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	38040	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	179324	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	123817	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	291385	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	277540	20.00	ng		-0.02
87) Perylene-d12	25.17	264	289410	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	173743	77.92	ng		-0.02
7) Phenol-d6	7.29	99	271056	81.53	ng		-0.02
23) Nitrobenzene-d5	9.32	82	268840	81.08	ng		-0.03
42) 2,4,6-Tribromophenol	16.26	330	117954	81.73	ng		-0.02
45) 2-Fluorobiphenyl	13.40	172	672473	77.33	ng		-0.02
79) Terphenyl-d14	20.11	244	1008578	80.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	39026	37.911	ng		89
3) Pyridine	3.99	79	106544	38.660	ng		93
4) n-Nitrosodimethylamine	3.90	42	51223	39.179	ng		88
6) Aniline	7.47	93	170038	39.037	ng		99
8) 2-Chlorophenol	7.70	128	105381	38.956	ng		96
9) Benzaldehyde	7.29	77	72517	33.813	ng		96
10) Phenol	7.32	94	144882	40.226	ng		99
11) bis(2-Chloroethyl)ether	7.56	93	110750	39.439	ng		95
12) 1,3-Dichlorobenzene	8.03	146	119193	38.959	ng		95
13) 1,4-Dichlorobenzene	8.18	146	123256	39.552	ng		97
14) 1,2-Dichlorobenzene	8.50	146	115973	38.517	ng		99
15) Benzyl Alcohol	8.38	79	106598	40.419	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	215652	38.397	ng		98
17) 2-Methylphenol	8.58	107	92507	40.280	ng		98
18) Hexachloroethane	9.23	117	43132	38.574	ng		96
19) n-Nitroso-di-n-propylamine	8.94	70	93654	39.136	ng		92
20) 3+4-Methylphenols	8.91	107	128902	40.402	ng		98
22) Acetophenone	8.97	105	189565	39.386	ng	#	94
24) Nitrobenzene	9.37	77	138273	39.752	ng		95
25) Isophorone	9.88	82	271068	39.017	ng		99
26) 2-Nitrophenol	10.08	139	71362	42.492	ng		94
27) 2,4-Dimethylphenol	10.12	122	103944	39.796	ng		96
28) bis(2-Chloroethoxy)methane	10.36	93	162864	38.576	ng		96
29) 2,4-Dichlorophenol	10.61	162	122567	41.679	ng		98
30) 1,2,4-Trichlorobenzene	10.82	180	130095	39.314	ng		98
31) Naphthalene	11.02	128	372411	39.224	ng		99
32) Benzoic acid	10.25	122	63597	37.185	ng		97
33) 4-Chloroaniline	11.13	127	164612	40.887	ng		99
34) Hexachlorobutadiene	11.28	225	89955	39.781	ng		93
35) Caprolactam	11.92	113	43677	38.881	ng		93
36) 4-Chloro-3-methylphenol	12.23	107	136848	40.595	ng		92
37) 2-Methylnaphthalene	12.61	142	283397	39.924	ng		95
38) 1-Methylnaphthalene	12.83	142	273625	39.666	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	166619	39.722	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	85042	37.832	ng		100
43) 2,4,6-Trichlorophenol	13.21	196	102353	41.679	ng		99
44) 2,4,5-Trichlorophenol	13.28	196	111400	40.245	ng		98
46) 1,1'-Biphenyl	13.61	154	397770	39.059	ng		99
47) 2-Chloronaphthalene	13.65	162	298830	39.006	ng		98
48) 2-Nitroaniline	13.87	65	101390	41.181	ng		97
49) Acenaphthylene	14.50	152	497318	39.543	ng		100
50) Dimethylphthalate	14.22	163	401952	38.823	ng		100
51) 2,6-Dinitrotoluene	14.35	165	89179	40.630	ng		94
52) Acenaphthene	14.84	154	295434	39.029	ng		98
53) 3-Nitroaniline	14.69	138	86328	39.127	ng	#	93
54) 2,4-Dinitrophenol	14.89	184	67206	50.619	ng		97
55) Dibenzofuran	15.17	168	486518	39.174	ng		99
56) 4-Nitrophenol	14.98	139	68504	34.708	ng		94
57) 2,4-Dinitrotoluene	15.14	165	130103	42.186	ng	#	84
58) Fluorene	15.82	166	385891	39.525	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.39	232	109316	40.437	ng		96
60) Diethylphthalate	15.57	149	402306	39.253	ng		97
61) 4-Chlorophenyl-phenylether	15.80	204	203995	39.155	ng		97
62) 4-Nitroaniline	15.85	138	90941	38.020	ng		91
63) Azobenzene	16.09	77	356947	38.420	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	70246	40.773	ng		97
66) n-Nitrosodiphenylamine	16.02	169	339938	40.298	ng		97
67) 4-Bromophenyl-phenylether	16.70	248	132366	40.583	ng		94
68) Hexachlorobenzene	16.81	284	136431	40.354	ng		97
69) Atrazine	16.96	200	126548	38.117	ng		95
70) Pentachlorophenol	17.16	266	100441	47.041	ng		94
71) Phenanthrene	17.56	178	626855	39.057	ng		100
72) Anthracene	17.65	178	616701	39.430	ng		100
73) Carbazole	17.93	167	540188	38.311	ng		99
74) Di-n-butylphthalate	18.45	149	655769	39.529	ng		99
75) Fluoranthene	19.56	202	725187	38.232	ng		99
77) Benzidine	19.74	184	249735	28.356	ng		99
78) Pyrene	19.92	202	725431	40.224	ng		99
80) Butylbenzylphthalate	20.79	149	289446	41.426	ng		94
81) Benzo(a)anthracene	21.78	228	687593	39.530	ng		98
82) 3,3'-Dichlorobenzidine	21.70	252	248068	39.063	ng		99
83) Chrysene	21.86	228	660384	39.161	ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	399914	40.730	ng	#	99
85) Di-n-octyl phthalate	22.90	149	676101	41.587	ng		95
86) Indeno(1,2,3-cd)pyrene	29.04	276	767329	40.110	ng	#	96
88) Benzo(b)fluoranthene	24.09	252	684221	39.646	ng		99
89) Benzo(k)fluoranthene	24.16	252	617566	38.442	ng		98
90) Benzo(a)pyrene	25.01	252	637989	40.006	ng		97
91) Dibenzo(a,h)anthracene	29.11	278	609310	38.973	ng		98
92) Benzo(g,h,i)perylene	30.27	276	616283	39.249	ng		98

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

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