Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG040119\
Data File : BG040265.D
Acq On : 1 Apr 2019 14:58
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
4/2/2019 4:00:12 PM

Quant Time: Apr 02 02:37:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	51504	20.00	ng		-0.02
21) Naphthalene-d8	10.87	136	240910	20.00	ng		-0.01
39) Acenaphthene-d10	14.69	164	167265	20.00	ng		-0.02
64) Phenanthrene-d10	17.43	188	397113	20.00	ng		-0.02
76) Chrysene-d12	21.72	240	376533	20.00	ng		-0.01
87) Perylene-d12	25.04	264	379382	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	249566	80.55	ng		-0.02
7) Phenol-d6	7.21	99	372913	87.09	ng		-0.02
23) Nitrobenzene-d5	9.23	82	369352	81.49	ng		-0.01
42) 2,4,6-Tribromophenol	16.18	330	165172	91.37	ng		-0.01
45) 2-Fluorobiphenyl	13.30	172	895887	79.36	ng		-0.02
79) Terphenyl-d14	20.03	244	1329126	79.41	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	54945	37.716	ng		95
3) Pyridine	3.91	79	173037	44.116	ng		100
4) n-Nitrosodimethylamine	3.83	42	68862	37.954	ng	#	88
6) Aniline	7.38	93	236750	42.559	ng		97
8) 2-Chlorophenol	7.62	128	151995	41.910	ng		96
9) Benzaldehyde	7.20	77	121301	41.301	ng		95
10) Phenol	7.24	94	200605	43.165	ng		97
11) bis(2-Chloroethyl)ether	7.48	93	152404	40.943	ng		99
12) 1,3-Dichlorobenzene	7.94	146	157263	39.890	ng		92
13) 1,4-Dichlorobenzene	8.09	146	161654	41.169	ng		99
14) 1,2-Dichlorobenzene	8.41	146	156560	41.694	ng		100
15) Benzyl Alcohol	8.29	79	145510	42.198	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.57	45	284016	39.757	ng		98
17) 2-Methylphenol	8.49	107	140966	43.834	ng		95
18) Hexachloroethane	9.13	117	58242	38.995	ng		97
19) n-Nitroso-di-n-propylamine	8.86	70	131682	42.895	ng		99
20) 3+4-Methylphenols	8.82	107	191121	43.869	ng		96
22) Acetophenone	8.89	105	243492	40.518	ng	#	95
24) Nitrobenzene	9.27	77	186908	39.824	ng		98
25) Isophorone	9.79	82	389347	41.750	ng		98
26) 2-Nitrophenol	9.98	139	96376	43.336	ng		94
27) 2,4-Dimethylphenol	10.03	122	142877	40.446	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	226330	41.022	ng		99
29) 2,4-Dichlorophenol	10.51	162	166731	43.484	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	173112	41.117	ng		98
31) Naphthalene	10.92	128	511521	41.424	ng		98
32) Benzoic acid	10.14	122	47833m	22.411	ng		
33) 4-Chloroaniline	11.03	127	235791	44.765	ng		98
34) Hexachlorobutadiene	11.18	225	108072	40.136	ng		95
35) Caprolactam	11.82	113	67253	44.198	ng		99
36) 4-Chloro-3-methylphenol	12.14	107	205235	46.559	ng		100
37) 2-Methylnaphthalene	12.52	142	396943	43.464	ng		98
38) 1-Methylnaphthalene	12.73	142	383244	43.275	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	208798	39.275	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	120857	41.403	ng		97
43) 2,4,6-Trichlorophenol	13.12	196	143490	41.864	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	158203	42.346	ng		97
46) 1,1'-Biphenyl	13.52	154	524927	39.719	ng		97
47) 2-Chloronaphthalene	13.57	162	402830	39.736	ng		99
48) 2-Nitroaniline	13.78	65	138404	40.475	ng		93
49) Acenaphthylene	14.42	152	702373	40.864	ng		98
50) Dimethylphthalate	14.14	163	529390	40.440	ng		99
51) 2,6-Dinitrotoluene	14.27	165	125270	42.618	ng		94
52) Acenaphthene	14.75	154	403386	40.957	ng		99
53) 3-Nitroaniline	14.60	138	129718	41.691	ng		93
54) 2,4-Dinitrophenol	14.81	184	86309	55.212	ng		93
55) Dibenzofuran	15.09	168	659875	41.696	ng		100
56) 4-Nitrophenol	14.90	139	103164	41.082	ng		96
57) 2,4-Dinitrotoluene	15.06	165	174328	42.683	ng		94
58) Fluorene	15.73	166	524417	42.147	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.31	232	147839	43.608	ng		98
60) Diethylphthalate	15.49	149	549276	41.004	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	279463	42.018	ng		98
62) 4-Nitroaniline	15.77	138	140194	41.986	ng		100
63) Azobenzene	16.01	77	519101	41.082	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	94149	42.199	ng		97
66) n-Nitrosodiphenylamine	15.94	169	479146	41.232	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	183770	41.122	ng		98
68) Hexachlorobenzene	16.72	284	187108	41.642	ng		96
69) Atrazine	16.88	200	172909	39.999	ng		98
70) Pentachlorophenol	17.08	266	101029	38.891	ng		98
71) Phenanthrene	17.48	178	855853	41.003	ng		99
72) Anthracene	17.56	178	857962	41.066	ng		99
73) Carbazole	17.84	167	796918	40.305	ng		99
74) Di-n-butylphthalate	18.37	149	929647	39.666	ng		100
75) Fluoranthene	19.48	202	996584	40.321	ng		99
77) Benzidine	19.67	184	588341	43.270	ng		98
78) Pyrene	19.84	202	1012201	40.878	ng		99
80) Butylbenzylphthalate	20.71	149	421023	39.735	ng		96
81) Benzo(a)anthracene	21.69	228	929072	40.059	ng		98
82) 3,3'-Dichlorobenzidine	21.61	252	354279	40.156	ng		98
83) Chrysene	21.77	228	918548	41.210	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	592518	39.120	ng		99
85) Di-n-octyl phthalate	22.79	149	1004023	38.907	ng		98
86) Indeno(1,2,3-cd)pyrene	28.83	276	1097852	40.271	ng	#	90
88) Benzo(b)fluoranthene	23.95	252	958330	41.259	ng		98
89) Benzo(k)fluoranthene	24.03	252	894031	41.855	ng		97
90) Benzo(a)pyrene	24.86	252	909453	41.731	ng		98
91) Dibenzo(a,h)anthracene	28.93	278	873622	43.162	ng		100
92) Benzo(g,h,i)perylene	30.12	276	887044	42.644	ng		99

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

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