Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043232.D
Acq On : 16 Oct 2019 1:41
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Oct 16 02:17:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	72948	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	282747	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	193789	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	416198	20.00	ng		0.00
76) Chrysene-d12	21.70	240	440272	20.00	ng		0.01
87) Perylene-d12	24.93	264	529425	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	334909	81.93	ng		0.00
7) Phenol-d6	7.23	99	465525	79.09	ng		0.00
23) Nitrobenzene-d5	9.22	82	457933	78.72	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	287371	86.24	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1154697	86.38	ng		0.00
79) Terphenyl-d14	20.03	244	1831013	88.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	57954	34.006	ng		87
3) Pyridine	3.93	79	164080	34.231	ng		89
4) n-Nitrosodimethylamine	3.85	42	80043	34.725	ng	#	88
6) Aniline	7.38	93	272979	38.418	ng		98
8) 2-Chlorophenol	7.62	128	179338	42.070	ng		95
9) Benzaldehyde	7.19	77	140033	38.931	ng		87
10) Phenol	7.25	94	219464	40.637	ng		94
11) bis(2-Chloroethyl)ether	7.47	93	155889	37.307	ng		89
12) 1,3-Dichlorobenzene	7.95	146	228030	41.933	ng		95
13) 1,4-Dichlorobenzene	8.09	146	225147	41.532	ng		97
14) 1,2-Dichlorobenzene	8.41	146	219194	42.471	ng		94
15) Benzyl Alcohol	8.29	79	160650	36.300	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.58	45	234720	29.250	ng		95
17) 2-Methylphenol	8.51	107	153744	40.686	ng		96
18) Hexachloroethane	9.14	117	84261	41.271	ng		96
19) n-Nitroso-di-n-propylamine	8.86	70	140520	36.356	ng		90
20) 3+4-Methylphenols	8.83	107	209203	40.398	ng		95
22) Acetophenone	8.88	105	312906	42.933	ng	#	93
24) Nitrobenzene	9.26	77	219509	39.560	ng		95
25) Isophorone	9.78	82	389810	38.149	ng		96
26) 2-Nitrophenol	9.97	139	103121	43.657	ng		96
27) 2,4-Dimethylphenol	10.03	122	150106	41.380	ng		92
28) bis(2-Chloroethoxy)methane	10.26	93	222952	38.457	ng		97
29) 2,4-Dichlorophenol	10.51	162	197815	43.847	ng		97
30) 1,2,4-Trichlorobenzene	10.72	180	245014	42.055	ng		98
31) Naphthalene	10.91	128	587354	42.199	ng		99
32) Benzoic acid	10.20	122	105555	39.011	ng		98
33) 4-Chloroaniline	11.02	127	242178	40.098	ng		95
34) Hexachlorobutadiene	11.20	225	179329	41.109	ng		97
35) Caprolactam	11.81	113	61382	38.581	ng	#	74
36) 4-Chloro-3-methylphenol	12.15	107	200160	40.805	ng		92
37) 2-Methylnaphthalene	12.51	142	447001	42.098	ng		96
38) 1-Methylnaphthalene	12.73	142	414734	41.278	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	338484	46.455	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	68597	14.776	ng		92
43) 2,4,6-Trichlorophenol	13.12	196	183785	43.094	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	186555	42.463	ng		97
46) 1,1'-Biphenyl	13.52	154	656583	44.678	ng		97
47) 2-Chloronaphthalene	13.56	162	474532	43.068	ng		98
48) 2-Nitroaniline	13.76	65	147756	40.326	ng	#	86
49) Acenaphthylene	14.40	152	716930	42.524	ng		98
50) Dimethylphthalate	14.13	163	584532	40.257	ng		99
51) 2,6-Dinitrotoluene	14.25	165	129798	41.977	ng		91
52) Acenaphthene	14.74	154	447647	39.668	ng		99
53) 3-Nitroaniline	14.59	138	128345	40.164	ng	#	95
54) 2,4-Dinitrophenol	14.86	184	564	0.293	ng		93
55) Dibenzofuran	15.08	168	694210	41.585	ng		100
56) 4-Nitrophenol	14.91	139	85979	35.313	ng		88
57) 2,4-Dinitrotoluene	15.04	165	183085	40.433	ng		94
58) Fluorene	15.73	166	579884	40.687	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.31	232	184230	39.384	ng	#	98
60) Diethylphthalate	15.49	149	577218	39.062	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	338480	39.599	ng		99
62) 4-Nitroaniline	15.75	138	139397	39.998	ng		98
63) Azobenzene	16.01	77	484866	36.040	ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	20350	8.641	ng		90
66) n-Nitrosodiphenylamine	15.93	169	501549	45.649	ng		99
67) 4-Bromophenyl-phenylether	16.61	248	236467	45.268	ng		95
68) Hexachlorobenzene	16.74	284	268893	46.231	ng		100
69) Atrazine	16.88	200	175437	37.919	ng		93
70) Pentachlorophenol	17.08	266	141897	42.280	ng		98
71) Phenanthrene	17.47	178	866401	42.640	ng		98
72) Anthracene	17.56	178	870148	42.897	ng		99
73) Carbazole	17.83	167	795950	42.314	ng		98
74) Di-n-butylphthalate	18.38	149	955632	42.580	ng		99
75) Fluoranthene	19.47	202	1076912	40.071	ng		99
77) Benzidine	19.66	184	509262	46.196	ng		99
78) Pyrene	19.84	202	1104733	42.040	ng		99
80) Butylbenzylphthalate	20.72	149	430724	43.182	ng		95
81) Benzo(a)anthracene	21.68	228	1150133	41.925	ng		100
82) 3,3'-Dichlorobenzidine	21.60	252	482517	44.846	ng		99
83) Chrysene	21.75	228	1117734	41.986	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	624242	43.982	ng		99
85) Di-n-octyl phthalate	22.79	149	1050664	45.270	ng		96
86) Indeno(1,2,3-cd)pyrene	28.61	276	1404099	42.367	ng	#	98
88) Benzo(b)fluoranthene	23.90	252	1230080	41.063	ng		99
89) Benzo(k)fluoranthene	23.98	252	1210442	40.845	ng		99
90) Benzo(a)pyrene	24.78	252	1175869	41.605	ng		99
91) Dibenzo(a,h)anthracene	28.67	278	1153591	39.805	ng		98
92) Benzo(g,h,i)perylene	29.76	276	1011278	36.014	ng		97

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

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