Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG012319\
Data File : BG039258.D
Acq On : 23 Jan 2019 11:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
1/24/2019 12:15:46 PM

Quant Time: Jan 23 11:55:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	21487	20.00	ng		-0.02
21) Naphthalene-d8	10.82	136	83871	20.00	ng		-0.02
39) Acenaphthene-d10	14.65	164	64268	20.00	ng		-0.02
64) Phenanthrene-d10	17.40	188	151489	20.00	ng		-0.02
76) Chrysene-d12	21.67	240	154834	20.00	ng		-0.04
87) Perylene-d12	24.93	264	162965	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	89497	79.01	ng		-0.02
7) Phenol-d6	7.17	99	139298	85.45	ng		-0.02
23) Nitrobenzene-d5	9.19	82	124909	81.49	ng		-0.02
42) 2,4,6-Tribromophenol	16.14	330	74476	69.13	ng		-0.03
45) 2-Fluorobiphenyl	13.27	172	347727	74.05	ng		-0.02
79) Terphenyl-d14	20.00	244	612075	73.13	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	14622	32.965	ng		98
3) Pyridine	3.85	79	42746	35.466	ng		98
4) n-Nitrosodimethylamine	3.77	42	20549	37.888	ng		96
6) Aniline	7.34	93	79526	40.622	ng		97
8) 2-Chlorophenol	7.57	128	52506	39.324	ng		94
9) Benzaldehyde	7.15	77	35566	37.833	ng		95
10) Phenol	7.20	94	69644	42.614	ng		97
11) bis(2-Chloroethyl)ether	7.43	93	50870	40.726	ng		93
12) 1,3-Dichlorobenzene	7.89	146	60416	37.766	ng		95
13) 1,4-Dichlorobenzene	8.04	146	61054	37.684	ng		97
14) 1,2-Dichlorobenzene	8.36	146	56240	36.407	ng		100
15) Benzyl Alcohol	8.25	79	51551	41.994	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	99747	41.646	ng		99
17) 2-Methylphenol	8.45	107	45405	40.011	ng		96
18) Hexachloroethane	9.08	117	21801	39.607	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	41715	38.970	ng		91
20) 3+4-Methylphenols	8.78	107	62757	38.788	ng		97
22) Acetophenone	8.84	105	87843	40.106	ng	#	98
24) Nitrobenzene	9.23	77	61061	39.413	ng		98
25) Isophorone	9.74	82	99113	37.540	ng		99
26) 2-Nitrophenol	9.94	139	32485	38.766	ng		97
27) 2,4-Dimethylphenol	9.99	122	44914	38.097	ng		88
28) bis(2-Chloroethoxy)methane	10.22	93	61812	38.954	ng		99
29) 2,4-Dichlorophenol	10.47	162	62053	42.368	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	68231	38.772	ng		97
31) Naphthalene	10.88	128	160594	38.178	ng		98
32) Benzoic acid	10.16	122	22315m	34.166	ng		
33) 4-Chloroaniline	10.99	127	71961	38.232	ng		99
34) Hexachlorobutadiene	11.13	225	47019	38.830	ng		98
35) Caprolactam	11.79	113	22610	38.497	ng		92
36) 4-Chloro-3-methylphenol	12.11	107	65700	41.941	ng		92
37) 2-Methylnaphthalene	12.47	142	125139	39.679	ng		99
38) 1-Methylnaphthalene	12.70	142	124900	41.260	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	88870	36.820	ng		100

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.80	237	47512	38.180	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	57379	37.772	ng		100
44) 2,4,5-Trichlorophenol	13.16	196	62408	38.870	ng		96
46) 1,1'-Biphenyl	13.48	154	188822	37.079	ng		99
47) 2-Chloronaphthalene	13.53	162	149970	36.392	ng		99
48) 2-Nitroaniline	13.74	65	45890	39.749	ng		98
49) Acenaphthylene	14.37	152	241963	39.064	ng		98
50) Dimethylphthalate	14.10	163	184630	33.996	ng		99
51) 2,6-Dinitrotoluene	14.24	165	52062	42.877	ng		96
52) Acenaphthene	14.71	154	137378	36.914	ng		95
53) 3-Nitroaniline	14.57	138	45932	37.290	ng		97
54) 2,4-Dinitrophenol	14.78	184	33186	48.023	ng		94
55) Dibenzofuran	15.05	168	237964	36.205	ng		99
56) 4-Nitrophenol	14.88	139	28741	32.429	ng		98
57) 2,4-Dinitrotoluene	15.02	165	61020	35.028	ng	#	96
58) Fluorene	15.70	166	175980	35.570	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	53396	35.231	ng		98
60) Diethylphthalate	15.45	149	199746	35.697	ng		100
61) 4-Chlorophenyl-phenylether	15.68	204	111893	35.899	ng		95
62) 4-Nitroaniline	15.74	138	46279	36.066	ng		98
63) Azobenzene	15.98	77	160986	36.790	ng		97
65) 4,6-Dinitro-2-methylphenol	15.79	198	42370	37.752	ng		95
66) n-Nitrosodiphenylamine	15.90	169	174385	38.831	ng		96
67) 4-Bromophenyl-phenylether	16.57	248	79151	40.646	ng		97
68) Hexachlorobenzene	16.69	284	78960	37.160	ng		97
69) Atrazine	16.84	200	68218	35.757	ng		96
70) Pentachlorophenol	17.04	266	51478	42.167	ng		95
71) Phenanthrene	17.44	178	307708	38.429	ng		99
72) Anthracene	17.53	178	294352	37.180	ng		99
73) Carbazole	17.81	167	294946	37.739	ng		100
74) Di-n-butylphthalate	18.34	149	315400	36.276	ng		99
75) Fluoranthene	19.45	202	364987	36.769	ng		99
77) Benzidine	19.64	184	165787	35.007	ng		99
78) Pyrene	19.81	202	376525	38.159	ng		99
80) Butylbenzylphthalate	20.68	149	144122	38.403	ng		98
81) Benzo(a)anthracene	21.65	228	366345	38.867	ng		99
82) 3,3'-Dichlorobenzidine	21.57	252	148641	38.705	ng		96
83) Chrysene	21.72	228	340425	37.975	ng		99
84) Bis(2-ethylhexyl)phthalate	21.52	149	207914	39.899	ng		96
85) Di-n-octyl phthalate	22.73	149	344841	39.136	ng		99
86) Indeno(1,2,3-cd)pyrene	28.67	276	400865	37.423	ng	#	98
88) Benzo(b)fluoranthene	23.88	252	369303	41.098	ng		99
89) Benzo(k)fluoranthene	23.96	252	353803	39.822	ng		99
90) Benzo(a)pyrene	24.78	252	344621	39.678	ng		98
91) Dibenzo(a,h)anthracene	28.72	278	330568	38.263	ng		99
92) Benzo(g,h,i)perylene	29.85	276	315485	36.887	ng		98

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

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