Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011019\
Data File : BG039072.D
Acq On : 11 Jan 2019 3:50
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
1/11/2019 4:44:35 PM

Quant Time: Jan 11 09:00:43 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	8.03	152	28776	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	130831	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	104808	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	268247	20.00	ng		0.00
76) Chrysene-d12	21.70	240	213205	20.00	ng		0.00
87) Perylene-d12	24.98	264	232089	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	124029	81.76	ng		0.00
7) Phenol-d6	7.19	99	193914	88.83	ng		0.00
23) Nitrobenzene-d5	9.21	82	188841	78.98	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	150187	85.49	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	574002	74.95	ng		0.00
79) Terphenyl-d14	20.02	244	912571	79.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.46	88	20705	34.855	ng		99
3) Pyridine	3.86	79	64744	40.111	ng		98
4) n-Nitrosodimethylamine	3.79	42	29943	41.224	ng	#	93
6) Aniline	7.36	93	116278	44.351	ng		98
8) 2-Chlorophenol	7.59	128	76444	42.750	ng		98
9) Benzaldehyde	7.17	77	50135	39.822	ng		98
10) Phenol	7.22	94	98553	45.028	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	66675	39.858	ng		98
12) 1,3-Dichlorobenzene	7.91	146	86472	40.362	ng		98
13) 1,4-Dichlorobenzene	8.06	146	87894	40.508	ng		95
14) 1,2-Dichlorobenzene	8.38	146	86590	41.855	ng		94
15) Benzyl Alcohol	8.28	79	76565	46.572	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	131532	41.006	ng		99
17) 2-Methylphenol	8.48	107	69442	45.692	ng		96
18) Hexachloroethane	9.10	117	29819	40.452	ng		97
19) n-Nitroso-di-n-propylamine	8.83	70	64045	44.675	ng		95
20) 3+4-Methylphenols	8.80	107	100486	46.375	ng		96
22) Acetophenone	8.86	105	136770	40.030	ng	#	96
24) Nitrobenzene	9.25	77	93904	38.856	ng		95
25) Isophorone	9.76	82	168780	40.981	ng		99
26) 2-Nitrophenol	9.96	139	54233	41.489	ng		95
27) 2,4-Dimethylphenol	10.01	122	74842	40.696	ng		87
28) bis(2-Chloroethoxy)methane	10.24	93	98072	39.621	ng		98
29) 2,4-Dichlorophenol	10.50	162	99615	43.601	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	108470	39.514	ng		96
31) Naphthalene	10.90	128	259191	39.500	ng		98
32) Benzoic acid	10.19	122	49503	44.600	ng		96
33) 4-Chloroaniline	11.01	127	126394	43.048	ng		98
34) Hexachlorobutadiene	11.15	225	73589	38.959	ng		98
35) Caprolactam	11.82	113	41386	45.174	ng		96
36) 4-Chloro-3-methylphenol	12.13	107	110705	45.304	ng		95
37) 2-Methylnaphthalene	12.50	142	202700	41.203	ng		99
38) 1-Methylnaphthalene	12.72	142	198375	42.011	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	150960	38.352	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	63327	32.253	ng		93
43) 2,4,6-Trichlorophenol	13.11	196	103263	41.683	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	112147	42.832	ng		96
46) 1,1'-Biphenyl	13.50	154	317922	38.282	ng		98
47) 2-Chloronaphthalene	13.55	162	259564	38.623	ng		99
48) 2-Nitroaniline	13.77	65	78717	41.810	ng		94
49) Acenaphthylene	14.40	152	394185	39.023	ng		99
50) Dimethylphthalate	14.13	163	347786	39.268	ng		99
51) 2,6-Dinitrotoluene	14.26	165	80123	40.463	ng		98
52) Acenaphthene	14.74	154	238944	39.371	ng		96
53) 3-Nitroaniline	14.60	138	82200	40.921	ng		98
54) 2,4-Dinitrophenol	14.80	184	34253m	32.372	ng		
55) Dibenzofuran	15.07	168	422577	39.424	ng		99
56) 4-Nitrophenol	14.90	139	53525	37.033	ng		94
57) 2,4-Dinitrotoluene	15.04	165	114476	40.296	ng	#	98
58) Fluorene	15.72	166	324841	40.262	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	107677	43.566	ng		97
60) Diethylphthalate	15.47	149	366699	40.185	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	206013	40.530	ng		98
62) 4-Nitroaniline	15.76	138	81345	38.873	ng		97
63) Azobenzene	16.00	77	284400	39.854	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	64793m	32.603	ng		
66) n-Nitrosodiphenylamine	15.93	169	323052	40.624	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	144932	42.031	ng		97
68) Hexachlorobenzene	16.72	284	154361	41.025	ng		95
69) Atrazine	16.87	200	132264	39.152	ng		95
70) Pentachlorophenol	17.07	266	70586	33.961	ng		93
71) Phenanthrene	17.46	178	544361	38.393	ng		100
72) Anthracene	17.55	178	542105	38.669	ng		99
73) Carbazole	17.83	167	490701	35.457	ng		99
74) Di-n-butylphthalate	18.36	149	568301	36.913	ng		99
75) Fluoranthene	19.47	202	570732	32.470	ng		100
77) Benzidine	19.66	184	228128	34.983	ng		99
78) Pyrene	19.83	202	554981	40.846	ng		99
80) Butylbenzylphthalate	20.70	149	200332	38.766	ng		98
81) Benzo(a)anthracene	21.68	228	517108	39.842	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	216735	40.985	ng		98
83) Chrysene	21.75	228	485393	39.322	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	288233	40.169	ng		97
85) Di-n-octyl phthalate	22.76	149	485538	40.018	ng		100
86) Indeno(1,2,3-cd)pyrene	28.73	276	600563	40.716	ng		99
88) Benzo(b)fluoranthene	23.93	252	507765	39.677	ng		100
89) Benzo(k)fluoranthene	23.99	252	519461	41.054	ng		100
90) Benzo(a)pyrene	24.82	252	502624	40.634	ng		97
91) Dibenzo(a,h)anthracene	28.80	278	501335	40.747	ng		98
92) Benzo(g,h,i)perylene	29.92	276	487870	40.053	ng		94

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

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