Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032119\
Data File : BG040067.D
Acq On : 21 Mar 2019 15:26
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
3/22/2019 3:59:47 PM

Quant Time: Mar 22 03:56:02 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	37245	20.00	ng		-0.03
21) Naphthalene-d8	10.96	136	174160	20.00	ng		-0.03
39) Acenaphthene-d10	14.77	164	117754	20.00	ng		-0.02
64) Phenanthrene-d10	17.51	188	275201	20.00	ng		-0.02
76) Chrysene-d12	21.80	240	259667	20.00	ng		-0.03
87) Perylene-d12	25.16	264	268928	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	166447	76.24	ng		-0.02
7) Phenol-d6	7.29	99	261094	80.21	ng		-0.02
23) Nitrobenzene-d5	9.32	82	265539	82.46	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	108890	79.34	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	641706	77.59	ng		-0.02
79) Terphenyl-d14	20.10	244	957052	81.15	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	32944	32.686	ng		94
3) Pyridine	3.98	79	94099	34.873	ng		97
4) n-Nitrosodimethylamine	3.90	42	45208	35.317	ng	#	85
6) Aniline	7.47	93	164981	38.684	ng		98
8) 2-Chlorophenol	7.70	128	103826	39.200	ng		93
9) Benzaldehyde	7.29	77	73195	34.858	ng		94
10) Phenol	7.32	94	136946	38.834	ng		98
11) bis(2-Chloroethyl)ether	7.56	93	106305	38.664	ng		98
12) 1,3-Dichlorobenzene	8.03	146	117331	39.169	ng		95
13) 1,4-Dichlorobenzene	8.18	146	119827	39.272	ng		99
14) 1,2-Dichlorobenzene	8.50	146	115198	39.077	ng		100
15) Benzyl Alcohol	8.38	79	102585	39.728	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.66	45	208413	37.900	ng		98
17) 2-Methylphenol	8.58	107	89510	39.807	ng		94
18) Hexachloroethane	9.22	117	43904	40.102	ng		99
19) n-Nitroso-di-n-propylamine	8.94	70	89583	38.234	ng		93
20) 3+4-Methylphenols	8.91	107	125121	40.054	ng		96
22) Acetophenone	8.97	105	184058	39.376	ng	#	95
24) Nitrobenzene	9.36	77	134739	39.885	ng		97
25) Isophorone	9.88	82	266547	39.504	ng		99
26) 2-Nitrophenol	10.08	139	70056	42.951	ng		95
27) 2,4-Dimethylphenol	10.12	122	99346	39.163	ng		90
28) bis(2-Chloroethoxy)methane	10.36	93	157639	38.445	ng		97
29) 2,4-Dichlorophenol	10.60	162	117834	41.257	ng		96
30) 1,2,4-Trichlorobenzene	10.82	180	125204	38.958	ng		99
31) Naphthalene	11.02	128	359943	39.035	ng		99
32) Benzoic acid	10.24	122	53726m	33.204	ng		
33) 4-Chloroaniline	11.13	127	155686	39.816	ng		100
34) Hexachlorobutadiene	11.27	225	85457	38.912	ng		94
35) Caprolactam	11.91	113	42662	39.103	ng	#	83
36) 4-Chloro-3-methylphenol	12.23	107	131933	40.297	ng		97
37) 2-Methylnaphthalene	12.61	142	272510	39.529	ng		98
38) 1-Methylnaphthalene	12.82	142	265282	39.597	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	156598	39.255	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	79591	37.230	ng		99
43) 2,4,6-Trichlorophenol	13.21	196	98986	42.383	ng		95
44) 2,4,5-Trichlorophenol	13.28	196	107750	40.930	ng		96
46) 1,1'-Biphenyl	13.61	154	377885	39.017	ng		99
47) 2-Chloronaphthalene	13.65	162	284074	38.989	ng		98
48) 2-Nitroaniline	13.86	65	95438	40.759	ng		92
49) Acenaphthylene	14.50	152	479485	40.088	ng		99
50) Dimethylphthalate	14.22	163	378935	38.484	ng		99
51) 2,6-Dinitrotoluene	14.35	165	85162	40.798	ng		92
52) Acenaphthene	14.83	154	279533	38.830	ng		97
53) 3-Nitroaniline	14.68	138	82670	39.399	ng	#	95
54) 2,4-Dinitrophenol	14.89	184	35569	30.501	ng		99
55) Dibenzofuran	15.17	168	453570	38.402	ng		99
56) 4-Nitrophenol	14.98	139	66092	35.210	ng	#	85
57) 2,4-Dinitrotoluene	15.13	165	120019	40.920	ng		87
58) Fluorene	15.81	166	362448	39.035	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.39	232	103908	40.416	ng		97
60) Diethylphthalate	15.56	149	377347	38.713	ng		99
61) 4-Chlorophenyl-phenylether	15.80	204	189755	38.297	ng		98
62) 4-Nitroaniline	15.84	138	88548	38.926	ng		96
63) Azobenzene	16.09	77	348799	39.476	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	47386	29.122	ng		97
66) n-Nitrosodiphenylamine	16.01	169	322807	40.517	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	125948	40.887	ng		93
68) Hexachlorobenzene	16.81	284	126920	39.749	ng		96
69) Atrazine	16.95	200	119983	38.265	ng		97
70) Pentachlorophenol	17.15	266	80626	39.981	ng		98
71) Phenanthrene	17.55	178	588528	38.825	ng		99
72) Anthracene	17.65	178	590469	39.973	ng		100
73) Carbazole	17.92	167	512121	38.457	ng		99
74) Di-n-butylphthalate	18.45	149	623568	39.798	ng		99
75) Fluoranthene	19.56	202	681135	38.021	ng		99
77) Benzidine	19.74	184	248132	30.113	ng		98
78) Pyrene	19.92	202	687034	40.717	ng		99
80) Butylbenzylphthalate	20.78	149	272004	41.609	ng		95
81) Benzo(a)anthracene	21.78	228	650028	39.943	ng		100
82) 3,3'-Dichlorobenzidine	21.70	252	226991	38.204	ng		100
83) Chrysene	21.85	228	625044	39.617	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	382589	41.648	ng		99
85) Di-n-octyl phthalate	22.89	149	642721	42.255	ng		95
86) Indeno(1,2,3-cd)pyrene	29.03	276	718702	40.154	ng		97
88) Benzo(b)fluoranthene	24.09	252	626842	39.088	ng		99
89) Benzo(k)fluoranthene	24.16	252	593805	39.779	ng		98
90) Benzo(a)pyrene	25.00	252	597879	40.346	ng		98
91) Dibenzo(a,h)anthracene	29.09	278	567931	39.093	ng		98
92) Benzo(g,h,i)perylene	30.24	276	577706	39.595	ng		97

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

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