Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081719\
Data File : BG042262.D
Acq On : 16 Aug 2019 16:40
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Jagrut

Quant Time: Aug 19 09:05:49 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG072719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 06:42:36 2019
Response via : Initial Calibration

8/19/2019 2:20:01 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	53506	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	215147	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	156581	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	357114	20.00	ng		0.01
76) Chrysene-d12	21.71	240	375880	20.00	ng		0.01
87) Perylene-d12	24.97	264	455031	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	226510	82.37	ng		0.00
7) Phenol-d6	7.17	99	296737	80.04	ng		0.00
23) Nitrobenzene-d5	9.18	82	259285	82.93	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	180760	101.63	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	784483	88.36	ng		0.00
79) Terphenyl-d14	20.04	244	1403223	85.42	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	48625	37.566	ng	#	76
3) Pyridine	3.83	79	122401	34.484	ng	#	78
4) n-Nitrosodimethylamine	3.75	42	40501	28.783	ng	#	70
6) Aniline	7.33	93	187943	36.000	ng		92
8) 2-Chlorophenol	7.58	128	134568	42.732	ng		86
9) Benzaldehyde	7.14	77	75157	28.809	ng		86
10) Phenol	7.20	94	149754	38.825	ng		95
11) bis(2-Chloroethyl)ether	7.42	93	117057	36.915	ng		86
12) 1,3-Dichlorobenzene	7.91	146	166456m	40.500	ng		
13) 1,4-Dichlorobenzene	8.05	146	166084	40.385	ng		96
14) 1,2-Dichlorobenzene	8.37	146	157529	40.143	ng		94
15) Benzyl Alcohol	8.25	79	99016	33.946	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.55	45	152931	27.108	ng		89
17) 2-Methylphenol	8.46	107	105014	37.436	ng		96
18) Hexachloroethane	9.11	117	55293	39.262	ng	#	86
19) n-Nitroso-di-n-propylamine	8.82	70	91607	34.033	ng	#	80
20) 3+4-Methylphenols	8.79	107	150181	39.123	ng		97
22) Acetophenone	8.84	105	190971	39.684	ng	#	87
24) Nitrobenzene	9.22	77	132659	40.277	ng		93
25) Isophorone	9.75	82	255406	37.554	ng		96
26) 2-Nitrophenol	9.94	139	82865	54.209	ng	#	89
27) 2,4-Dimethylphenol	10.00	122	110825	41.078	ng		99
28) bis(2-Chloroethoxy)methane	10.23	93	164080	38.607	ng		99
29) 2,4-Dichlorophenol	10.48	162	147749	44.970	ng		96
30) 1,2,4-Trichlorobenzene	10.70	180	178816	42.919	ng		96
31) Naphthalene	10.89	128	417546	42.405	ng		97
32) Benzoic acid	10.14	122	64333	36.037	ng		89
33) 4-Chloroaniline	10.99	127	183302	39.254	ng		95
34) Hexachlorobutadiene	11.18	225	120114	42.716	ng		99
35) Caprolactam	11.77	113	48125	42.148	ng	#	51
36) 4-Chloro-3-methylphenol	12.12	107	138607	42.553	ng		96
37) 2-Methylnaphthalene	12.50	142	334276	42.889	ng		99
38) 1-Methylnaphthalene	12.72	142	322720	43.693	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	208768	42.121	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	105529	37.869	ng		98
43) 2,4,6-Trichlorophenol	13.11	196	135681	43.312	ng		97
44) 2,4,5-Trichlorophenol	13.19	196	145376	44.656	ng	#	94
46) 1,1'-Biphenyl	13.50	154	424721	42.196	ng		94
47) 2-Chloronaphthalene	13.55	162	359550	41.956	ng		95
48) 2-Nitroaniline	13.75	65	85300	39.246	ng	#	73
49) Acenaphthylene	14.40	152	562596	43.888	ng		95
50) Dimethylphthalate	14.13	163	468225	43.785	ng		98
51) 2,6-Dinitrotoluene	14.25	165	111080	49.676	ng	#	76
52) Acenaphthene	14.74	154	334194	40.084	ng		99
53) 3-Nitroaniline	14.57	138	107358	44.878	ng	#	84
54) 2,4-Dinitrophenol	14.79	184	62977	53.367	ng	#	80
55) Dibenzofuran	15.07	168	556650	43.651	ng		93
56) 4-Nitrophenol	14.89	139	81174	44.703	ng	#	84
57) 2,4-Dinitrotoluene	15.04	165	155998	50.729	ng	#	82
58) Fluorene	15.73	166	450439	44.014	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	140424	43.553	ng	#	91
60) Diethylphthalate	15.49	149	450052	42.867	ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	265469	42.491	ng		94
62) 4-Nitroaniline	15.74	138	117303	45.271	ng		87
63) Azobenzene	16.01	77	313916	36.603	ng		89
65) 4,6-Dinitro-2-methylphenol	15.81	198	94089	52.999	ng		79
66) n-Nitrosodiphenylamine	15.93	169	413394	42.497	ng		96
67) 4-Bromophenyl-phenylether	16.61	248	185285	42.120	ng		95
68) Hexachlorobenzene	16.74	284	198682	43.172	ng	#	91
69) Atrazine	16.88	200	113516	29.701	ng		97
70) Pentachlorophenol	17.08	266	109573	41.912	ng		99
71) Phenanthrene	17.47	178	762946	44.571	ng		93
72) Anthracene	17.56	178	751828	44.039	ng		93
73) Carbazole	17.83	167	683756	44.624	ng		94
74) Di-n-butylphthalate	18.39	149	795528	45.796	ng	#	94
75) Fluoranthene	19.48	202	960930	46.184	ng		90
77) Benzidine	19.66	184	462043	37.660	ng		97
78) Pyrene	19.84	202	965794	43.367	ng		91
80) Butylbenzylphthalate	20.73	149	374549	43.866	ng		87
81) Benzo(a)anthracene	21.70	228	967557	43.508	ng		93
82) 3,3'-Dichlorobenzidine	21.61	252	380472	42.612	ng	#	96
83) Chrysene	21.76	228	934772	43.850	ng		93
84) Bis(2-ethylhexyl)phthalate	21.60	149	520754	44.214	ng		97
85) Di-n-octyl phthalate	22.82	149	887401	44.769	ng	#	86
86) Indeno(1,2,3-cd)pyrene	28.70	276	1230856	43.617	ng	#	67
88) Benzo(b)fluoranthene	23.93	252	1028879	41.333	ng	#	94
89) Benzo(k)fluoranthene	24.00	252	998148	41.165	ng	#	93
90) Benzo(a)pyrene	24.82	252	994178	41.644	ng	#	94
91) Dibenzo(a,h)anthracene	28.77	278	1002583	42.770	ng	#	95
92) Benzo(g,h,i)perylene	29.87	276	997950	42.611	ng	#	94

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

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