Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042435.D
Acq On : 23 Aug 2019 16:13
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Jagrut
8/26/2019 2:01:52 PM

Quant Time: Aug 23 18:02:38 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	102526	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	428734	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	292902	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	606967	20.00	ng		0.00
76) Chrysene-d12	21.70	240	415317	20.00	ng		0.00
87) Perylene-d12	24.93	264	495525	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	444275	87.76	ng		0.00
7) Phenol-d6	7.17	99	590305	86.33	ng		0.00
23) Nitrobenzene-d5	9.17	82	506212	81.59	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	266525	64.02	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1345509	77.69	ng		0.00
79) Terphenyl-d14	20.03	244	1614997	84.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	95295	45.108	ng		98
3) Pyridine	3.82	79	263233	48.592	ng		97
4) n-Nitrosodimethylamine	3.74	42	78352	40.496	ng	#	74
6) Aniline	7.32	93	400704	43.935	ng		99
8) 2-Chlorophenol	7.57	128	258213	42.088	ng		98
9) Benzaldehyde	7.13	77	141213	41.249	ng		98
10) Phenol	7.19	94	303339	43.630	ng		96
11) bis(2-Chloroethyl)ether	7.41	93	243107	44.523	ng		98
12) 1,3-Dichlorobenzene	7.89	146	317469	40.677	ng		100
13) 1,4-Dichlorobenzene	8.04	146	312836	39.572	ng		96
14) 1,2-Dichlorobenzene	8.36	146	300604	39.706	ng		99
15) Benzyl Alcohol	8.24	79	193368	39.306	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	326418	44.106	ng		99
17) 2-Methylphenol	8.45	107	216783	42.333	ng		94
18) Hexachloroethane	9.09	117	112312	41.499	ng		90
19) n-Nitroso-di-n-propylamine	8.81	70	182314	41.154	ng		98
20) 3+4-Methylphenols	8.78	107	304233	42.934	ng		98
22) Acetophenone	8.83	105	375812	40.983	ng	#	98
24) Nitrobenzene	9.21	77	258034	41.071	ng		97
25) Isophorone	9.74	82	510486	41.692	ng		98
26) 2-Nitrophenol	9.93	139	160295	40.714	ng		97
27) 2,4-Dimethylphenol	9.99	122	224263	41.351	ng		95
28) bis(2-Chloroethoxy)methane	10.22	93	338893	43.914	ng		99
29) 2,4-Dichlorophenol	10.47	162	275914	38.885	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	321529	36.917	ng		98
31) Naphthalene	10.87	128	810788	40.733	ng		99
32) Benzoic acid	10.14	122	142975	38.312	ng		93
33) 4-Chloroaniline	10.98	127	377995	41.137	ng		99
34) Hexachlorobutadiene	11.17	225	194819	33.283	ng		99
35) Caprolactam	11.75	113	98271	41.505	ng		98
36) 4-Chloro-3-methylphenol	12.11	107	265300	39.386	ng		98
37) 2-Methylnaphthalene	12.48	142	634617	39.706	ng		98
38) 1-Methylnaphthalene	12.71	142	595333	39.214	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	337971	35.931	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	164689	33.332	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	241013	37.907	ng		96
44) 2,4,5-Trichlorophenol	13.18	196	247921	37.629	ng		96
46) 1,1'-Biphenyl	13.49	154	786116	41.520	ng		97
47) 2-Chloronaphthalene	13.53	162	664558	40.706	ng		96
48) 2-Nitroaniline	13.74	65	172129	43.723	ng		97
49) Acenaphthylene	14.38	152	1004751	40.908	ng		97
50) Dimethylphthalate	14.11	163	832262	39.380	ng		100
51) 2,6-Dinitrotoluene	14.23	165	196651	40.144	ng		93
52) Acenaphthene	14.73	154	613754	41.153	ng		99
53) 3-Nitroaniline	14.56	138	210897	43.047	ng		98
54) 2,4-Dinitrophenol	14.77	184	101728	34.657	ng		94
55) Dibenzofuran	15.06	168	967067	39.173	ng		97
56) 4-Nitrophenol	14.89	139	151439	43.502	ng		89
57) 2,4-Dinitrotoluene	15.03	165	277088	39.500	ng		97
58) Fluorene	15.71	166	785396	38.919	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	233979m	35.910	ng		
60) Diethylphthalate	15.47	149	803027	38.869	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	439802	36.153	ng		99
62) 4-Nitroaniline	15.73	138	222007	42.341	ng		91
63) Azobenzene	16.00	77	606854	42.868	ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	147870	38.858	ng		94
66) n-Nitrosodiphenylamine	15.91	169	722379	43.277	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	289717	37.631	ng		97
68) Hexachlorobenzene	16.73	284	305691	36.525	ng	#	93
69) Atrazine	16.87	200	213102	36.102	ng		98
70) Pentachlorophenol	17.07	266	157168	36.142	ng		99
71) Phenanthrene	17.45	178	1228676	40.753	ng		97
72) Anthracene	17.55	178	1236923	41.097	ng		96
73) Carbazole	17.82	167	1156967	43.131	ng		99
74) Di-n-butylphthalate	18.37	149	1345928	42.446	ng		98
75) Fluoranthene	19.47	202	1207556	32.819	ng		98
77) Benzidine	19.65	184	547457	45.977	ng		100
78) Pyrene	19.83	202	1186797	46.609	ng		98
80) Butylbenzylphthalate	20.71	149	459425	45.873	ng		96
81) Benzo(a)anthracene	21.67	228	1054426	41.735	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	407333	40.088	ng		99
83) Chrysene	21.74	228	1026538	42.131	ng		97
84) Bis(2-ethylhexyl)phthalate	21.58	149	619300	44.537	ng		100
85) Di-n-octyl phthalate	22.79	149	1041266	43.538	ng		100
86) Indeno(1,2,3-cd)pyrene	28.65	276	1317210	39.781	ng	#	98
88) Benzo(b)fluoranthene	23.91	252	1112607	40.841	ng	#	97
89) Benzo(k)fluoranthene	23.98	252	1083681	41.385	ng		99
90) Benzo(a)pyrene	24.78	252	1076312	41.636	ng		99
91) Dibenzo(a,h)anthracene	28.71	278	1069281	40.853	ng	#	97
92) Benzo(g,h,i)perylene	29.80	276	1058162	40.422	ng		97

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

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