Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032719\
Data File : BG040181.D
Acq On : 27 Mar 2019 21:04
Operator : JU/SJ
Sample : SSTDICC100
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC100

Manual Integrations APPROVED
Sohil
3/28/2019 5:12:10 PM

Quant Time: Mar 28 02:19:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 02:00:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	58979	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	260195	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	156841	20.00	ng		0.00
64) Phenanthrene-d10	17.45	188	353522	20.00	ng		0.00
76) Chrysene-d12	21.73	240	325023	20.00	ng		0.00
87) Perylene-d12	25.03	264	354771	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	684529	196.61	ng		0.00
7) Phenol-d6	7.24	99	930076	181.32	ng		0.01
23) Nitrobenzene-d5	9.26	82	935816	194.13	ng		0.01
42) 2,4,6-Tribromophenol	16.20	330	336353	186.96	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	1857384	168.71	ng		0.00
79) Terphenyl-d14	20.05	244	2385293	161.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	162316	100.212	ng		99
3) Pyridine	3.93	79	426618	98.865	ng		99
4) n-Nitrosodimethylamine	3.85	42	210496	103.565	ng		90
6) Aniline	7.41	93	620229	92.104	ng		98
8) 2-Chlorophenol	7.63	128	395831	94.126	ng		94
9) Benzaldehyde	7.22	77	323020	96.118	ng		97
10) Phenol	7.26	94	512153	92.257	ng		96
11) bis(2-Chloroethyl)ether	7.49	93	414596	94.863	ng		99
12) 1,3-Dichlorobenzene	7.96	146	437459	92.366	ng		92
13) 1,4-Dichlorobenzene	8.10	146	436312	90.670	ng		98
14) 1,2-Dichlorobenzene	8.43	146	417152	89.888	ng		98
15) Benzyl Alcohol	8.32	79	390900	96.007	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.59	45	790033	90.978	ng		99
17) 2-Methylphenol	8.51	107	355869	99.224	ng		99
18) Hexachloroethane	9.15	117	169381	97.119	ng		98
19) n-Nitroso-di-n-propylamine	8.89	70	335929	91.352	ng		98
20) 3+4-Methylphenols	8.85	107	486531	97.995	ng		94
22) Acetophenone	8.90	105	606647	87.965	ng	#	97
24) Nitrobenzene	9.30	77	489444	96.960	ng		99
25) Isophorone	9.81	82	954736	94.957	ng		98
26) 2-Nitrophenol	10.00	139	241820	99.924	ng		97
27) 2,4-Dimethylphenol	10.05	122	365493	96.656	ng		100
28) bis(2-Chloroethoxy)methane	10.29	93	556816	91.174	ng		98
29) 2,4-Dichlorophenol	10.53	162	402159	94.872	ng		99
30) 1,2,4-Trichlorobenzene	10.74	180	436233	91.412	ng		99
31) Naphthalene	10.94	128	1246025	90.707	ng		99
32) Benzoic acid	10.26	122	259853	112.525	ng		95
33) 4-Chloroaniline	11.05	127	544302	93.686	ng		100
34) Hexachlorobutadiene	11.20	225	283706	87.844	ng		95
35) Caprolactam	11.88	113	157835m	96.915	ng		
36) 4-Chloro-3-methylphenol	12.16	107	458429	94.473	ng		98
37) 2-Methylnaphthalene	12.53	142	911362	89.007	ng		99
38) 1-Methylnaphthalene	12.76	142	885782	89.184	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	478049	90.461	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	284155	100.735	ng		95
43) 2,4,6-Trichlorophenol	13.14	196	318332	102.066	ng		98
44) 2,4,5-Trichlorophenol	13.22	196	343452	98.713	ng		97
46) 1,1'-Biphenyl	13.54	154	1150578	89.413	ng		98
47) 2-Chloronaphthalene	13.59	162	897846	92.502	ng		98
48) 2-Nitroaniline	13.80	65	316968	101.471	ng		94
49) Acenaphthylene	14.43	152	1468060	91.810	ng		95
50) Dimethylphthalate	14.16	163	1121296	86.220	ng		100
51) 2,6-Dinitrotoluene	14.29	165	267904	97.139	ng		96
52) Acenaphthene	14.77	154	861721	90.169	ng		96
53) 3-Nitroaniline	14.63	138	281966	100.610	ng		93
54) 2,4-Dinitrophenol	14.83	184	160392	106.555	ng		92
55) Dibenzofuran	15.10	168	1342061	85.865	ng		94
56) 4-Nitrophenol	14.93	139	234624	95.381	ng		99
57) 2,4-Dinitrotoluene	15.08	165	374021	96.522	ng		95
58) Fluorene	15.75	166	1048614	85.321	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	314311	93.046	ng		100
60) Diethylphthalate	15.51	149	1145905	88.795	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	578377	88.114	ng		97
62) 4-Nitroaniline	15.80	138	296156	98.031	ng		95
63) Azobenzene	16.03	77	1079276	91.524	ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	212890	103.291	ng		98
66) n-Nitrosodiphenylamine	15.96	169	970286	94.534	ng		99
67) 4-Bromophenyl-phenylether	16.63	248	386724	97.311	ng		97
68) Hexachlorobenzene	16.75	284	387735	94.609	ng		97
69) Atrazine	16.90	200	352195	87.808	ng		99
70) Pentachlorophenol	17.09	266	247190	97.532	ng		95
71) Phenanthrene	17.49	178	1664544	85.661	ng		96
72) Anthracene	17.59	178	1653782	86.940	ng		95
73) Carbazole	17.86	167	1569416	90.841	ng		96
74) Di-n-butylphthalate	18.39	149	1826420	89.864	ng	#	97
75) Fluoranthene	19.50	202	1910273	82.956	ng		96
77) Benzidine	19.69	184	1022943	98.218	ng	#	95
78) Pyrene	19.86	202	1904444	89.928	ng		93
80) Butylbenzylphthalate	20.73	149	872757	105.225	ng		97
81) Benzo(a)anthracene	21.71	228	1832385	90.042	ng		94
82) 3,3'-Dichlorobenzidine	21.62	252	708818	95.112	ng		98
83) Chrysene	21.78	228	1746151	88.433	ng		96
84) Bis(2-ethylhexyl)phthalate	21.58	149	1218625	104.342	ng		98
85) Di-n-octyl phthalate	22.81	149	2050430	105.579	ng		98
86) Indeno(1,2,3-cd)pyrene	28.85	276	2316856	102.947	ng	#	94
88) Benzo(b)fluoranthene	23.99	252	1990411	93.340	ng		97
89) Benzo(k)fluoranthene	24.06	252	1825061	92.163	ng		98
90) Benzo(a)pyrene	24.89	252	1881282	95.384	ng		99
91) Dibenzo(a,h)anthracene	28.92	278	1810637	94.255	ng		97
92) Benzo(g,h,i)perylene	30.05	276	1890951	97.894	ng		97

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

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