Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100419\
Data File : BG043035.D
Acq On : 4 Oct 2019 19:33
Operator : JU
Sample : K5168-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190773-SS-COMPOSITE-13MS

Manual Integrations APPROVED
mohammad
10/9/2019 8:31:49 AM

Quant Time: Oct 05 06:25:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	67890	20.00	ng		-0.01
21) Naphthalene-d8	10.87	136	246165	20.00	ng		-0.01
39) Acenaphthene-d10	14.68	164	174983	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	412793	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	446929	20.00	ng		-0.02
87) Perylene-d12	24.92	264	526326	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	435598	114.51	ng		0.00
7) Phenol-d6	7.24	99	615614	112.37	ng		0.00
23) Nitrobenzene-d5	9.22	82	380120	75.05	ng		-0.01
42) 2,4,6-Tribromophenol	16.17	330	361474	120.13	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	860278	71.27	ng		-0.02
79) Terphenyl-d14	20.03	244	1497081	71.38	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	54551	34.394	ng		91
3) Pyridine	3.94	79	140842	31.572	ng		92
4) n-Nitrosodimethylamine	3.86	42	85957	40.069	ng	#	86
6) Aniline	7.39	93	241271	36.485	ng		99
8) 2-Chlorophenol	7.64	128	186792	47.083	ng		97
9) Benzaldehyde	7.20	77	115127	34.391	ng		93
10) Phenol	7.27	94	256771	51.087	ng		94
11) bis(2-Chloroethyl)ether	7.48	93	160053	41.157	ng		93
12) 1,3-Dichlorobenzene	7.95	146	207981	41.095	ng		98
13) 1,4-Dichlorobenzene	8.10	146	210650	41.753	ng		98
14) 1,2-Dichlorobenzene	8.42	146	202813	42.224	ng		92
15) Benzyl Alcohol	8.30	79	186292	45.231	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	261359	34.996	ng		99
17) 2-Methylphenol	8.51	107	158831	45.163	ng		97
18) Hexachloroethane	9.15	117	75510	39.741	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	149643	41.600	ng		95
20) 3+4-Methylphenols	8.83	107	221765	46.014	ng		96
22) Acetophenone	8.88	105	282814	44.570	ng	#	94
24) Nitrobenzene	9.26	77	222195	45.995	ng		95
25) Isophorone	9.79	82	410192	46.109	ng		99
26) 2-Nitrophenol	9.97	139	108748	52.881	ng		95
27) 2,4-Dimethylphenol	10.04	122	175165	55.464	ng		100
28) bis(2-Chloroethoxy)methane	10.27	93	227131	45.000	ng		96
29) 2,4-Dichlorophenol	10.51	162	206300	52.523	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	230556	45.454	ng		98
31) Naphthalene	10.91	128	571949	47.199	ng		100
32) Benzoic acid	10.19	122	115993	47.321	ng		97
33) 4-Chloroaniline	11.02	127	148699	28.279	ng		95
34) Hexachlorobutadiene	11.21	225	164218	43.239	ng		96
35) Caprolactam	11.80	113	65545m	47.320	ng		
36) 4-Chloro-3-methylphenol	12.15	107	213896	50.085	ng		95
37) 2-Methylnaphthalene	12.52	142	438944	47.482	ng		97
38) 1-Methylnaphthalene	12.74	142	410616	46.942	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	291342	44.282	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	424838	101.345	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	189479	49.205	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	209051	52.698	ng		98
46) 1,1'-Biphenyl	13.52	154	588370	44.339	ng		98
47) 2-Chloronaphthalene	13.56	162	465401	46.779	ng		98
48) 2-Nitroaniline	13.76	65	147642	44.625	ng		94
49) Acenaphthylene	14.40	152	741954	48.738	ng		99
50) Dimethylphthalate	14.14	163	741667	56.569	ng		99
51) 2,6-Dinitrotoluene	14.25	165	141835	50.800	ng		94
52) Acenaphthene	14.74	154	446164	43.785	ng		98
53) 3-Nitroaniline	14.59	138	93831	32.519	ng		97
54) 2,4-Dinitrophenol	14.79	184	173669	100.069	ng		93
55) Dibenzofuran	15.08	168	715020	47.435	ng		99
56) 4-Nitrophenol	14.90	139	221220	100.622	ng		97
57) 2,4-Dinitrotoluene	15.04	165	198490	48.546	ng		95
58) Fluorene	15.73	166	602128	46.788	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	205631	48.684	ng		98
60) Diethylphthalate	15.50	149	599255	44.912	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	355869	46.108	ng		98
62) 4-Nitroaniline	15.75	138	142072	45.146	ng		98
63) Azobenzene	16.01	77	540285	44.476	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	122093	52.269	ng		94
66) n-Nitrosodiphenylamine	15.93	169	530488	48.681	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	247704	47.811	ng		95
68) Hexachlorobenzene	16.73	284	269907	46.789	ng		98
69) Atrazine	16.88	200	207534	45.227	ng		94
70) Pentachlorophenol	17.08	266	347879	104.511	ng		100
71) Phenanthrene	17.47	178	976379	48.449	ng		98
72) Anthracene	17.56	178	983087	48.864	ng		100
73) Carbazole	17.82	167	891708	47.796	ng		99
74) Di-n-butylphthalate	18.38	149	1022663	45.943	ng		99
75) Fluoranthene	19.47	202	1303309	48.894	ng		100
77) Benzidine	19.65	184	699950	62.548	ng		100
78) Pyrene	19.83	202	1316445	49.350	ng		98
80) Butylbenzylphthalate	20.72	149	482280	47.631	ng		96
81) Benzo(a)anthracene	21.67	228	1315558	47.241	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	360179	32.977	ng		97
83) Chrysene	21.74	228	1271245	47.041	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	691575	48.000	ng		98
85) Di-n-octyl phthalate	22.79	149	1173702	49.818	ng		96
86) Indeno(1,2,3-cd)pyrene	28.58	276	1675969	49.817	ng	#	95
88) Benzo(b)fluoranthene	23.89	252	1413606	47.467	ng		100
89) Benzo(k)fluoranthene	23.96	252	1391357	47.226	ng		98
90) Benzo(a)pyrene	24.77	252	1397406	49.735	ng		99
91) Dibenzo(a,h)anthracene	28.64	278	1402365	48.674	ng		99
92) Benzo(g,h,i)perylene	29.73	276	1403126	50.263	ng		99

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

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