Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043219.D
Acq On : 15 Oct 2019 15:20
Operator : JU
Sample : K5348-11MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
20190879-COMPOSITE-KMSD

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:24 AM

Quant Time: Oct 16 01:36:12 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	54388	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	202702	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	143598	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	330121	20.00	ng		0.00
76) Chrysene-d12	21.70	240	363708	20.00	ng		0.00
87) Perylene-d12	24.92	264	421303	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	323694	106.21	ng		0.00
7) Phenol-d6	7.23	99	592912	135.10	ng		0.00
23) Nitrobenzene-d5	9.21	82	376362	90.25	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	230360	93.29	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	864010	87.23	ng		0.00
79) Terphenyl-d14	20.03	244	1501689	87.98	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	43892	34.543	ng		93
3) Pyridine	3.92	79	105759	29.593	ng		89
4) n-Nitrosodimethylamine	3.83	42	67231	39.120	ng	#	80
6) Aniline	7.38	93	113925	21.505	ng		97
8) 2-Chlorophenol	7.62	128	161899	50.940	ng		98
9) Benzaldehyde	7.19	77	94261	35.148	ng		94
10) Phenol	7.25	94	240022	59.610	ng		94
11) bis(2-Chloroethyl)ether	7.47	93	136960	43.962	ng		97
12) 1,3-Dichlorobenzene	7.94	146	175457	43.275	ng		98
13) 1,4-Dichlorobenzene	8.09	146	178986	44.284	ng		99
14) 1,2-Dichlorobenzene	8.41	146	171248	44.504	ng		99
15) Benzyl Alcohol	8.29	79	146714	44.464	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.58	45	192166	32.118	ng		93
17) 2-Methylphenol	8.50	107	138422	49.131	ng		99
18) Hexachloroethane	9.13	117	62813	41.265	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	121587	42.192	ng		90
20) 3+4-Methylphenols	8.83	107	188786	48.896	ng		94
22) Acetophenone	8.88	105	239984	45.930	ng	#	91
24) Nitrobenzene	9.26	77	181649	45.665	ng		92
25) Isophorone	9.77	82	342147	46.707	ng		98
26) 2-Nitrophenol	9.97	139	94028	55.526	ng		97
27) 2,4-Dimethylphenol	10.03	122	152231	58.537	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	190431	45.819	ng		98
29) 2,4-Dichlorophenol	10.51	162	173254	53.567	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	190374	45.580	ng		98
31) Naphthalene	10.91	128	497741	49.882	ng		99
32) Benzoic acid	10.19	122	78095	40.046	ng		96
33) 4-Chloroaniline	11.02	127	38224	8.828	ng		94
34) Hexachlorobutadiene	11.19	225	137479	43.960	ng		95
35) Caprolactam	11.80	113	56566m	49.594	ng		
36) 4-Chloro-3-methylphenol	12.14	107	186494	53.032	ng		96
37) 2-Methylnaphthalene	12.51	142	377229	49.556	ng		96
38) 1-Methylnaphthalene	12.72	142	355087	49.298	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	251414	46.565	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	271843	79.022 ng	97
43) 2,4,6-Trichlorophenol	13.12	196	163052	51.596 ng	98
44) 2,4,5-Trichlorophenol	13.19	196	178680	54.886 ng	96
46) 1,1'-Biphenyl	13.51	154	513082	47.116 ng	98
47) 2-Chloronaphthalene	13.56	162	406231	49.756 ng	97
48) 2-Nitroaniline	13.76	65	123295	45.411 ng	90
49) Acenaphthylene	14.40	152	645906	51.702 ng	98
50) Dimethylphthalate	14.13	163	603571	56.098 ng	99
51) 2,6-Dinitrotoluene	14.25	165	120498	52.590 ng	93
52) Acenaphthene	14.74	154	389710	46.604 ng	98
53) 3-Nitroaniline	14.58	138	45972	19.415 ng	91
54) 2,4-Dinitrophenol	14.79	184	140333	98.534 ng	92
55) Dibenzofuran	15.07	168	621688	50.258 ng	100
56) 4-Nitrophenol	14.90	139	183086	101.478 ng	96
57) 2,4-Dinitrotoluene	15.04	165	169942	50.648 ng	93
58) Fluorene	15.73	166	534932	50.652 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	176157	50.821 ng	98
60) Diethylphthalate	15.49	149	513531	46.899 ng	97
61) 4-Chlorophenyl-phenylether	15.71	204	304457	48.069 ng	99
62) 4-Nitroaniline	15.75	138	114206	44.223 ng	95
63) Azobenzene	16.01	77	456555	45.798 ng	97
65) 4,6-Dinitro-2-methylphenol	15.80	198	107775	57.694 ng	93
66) n-Nitrosodiphenylamine	15.93	169	467479	53.642 ng	99
67) 4-Bromophenyl-phenylether	16.61	248	214036	51.658 ng	98
68) Hexachlorobenzene	16.73	284	235320	51.009 ng	98
69) Atrazine	16.88	200	175571	47.843 ng	96
70) Pentachlorophenol	17.08	266	278719	104.703 ng	97
71) Phenanthrene	17.47	178	831234	51.576 ng	98
72) Anthracene	17.56	178	851588	52.928 ng	99
73) Carbazole	17.82	167	770252	51.625 ng	98
74) Di-n-butylphthalate	18.38	149	892615	50.143 ng	99
75) Fluoranthene	19.48	202	1078519	50.594 ng	99
77) Benzidine	19.66	184	340431	37.382 ng	99
78) Pyrene	19.83	202	1087104	50.078 ng	99
80) Butylbenzylphthalate	20.71	149	412632	50.077 ng	95
81) Benzo(a)anthracene	21.68	228	1113452	49.132 ng	99
82) 3,3'-Dichlorobenzidine	21.59	252	286824	32.269 ng	99
83) Chrysene	21.74	228	1091382	49.626 ng	98
84) Bis(2-ethylhexyl)phthalate	21.58	149	603825	51.499 ng	98
85) Di-n-octyl phthalate	22.79	149	1020482	53.226 ng	95
86) Indeno(1,2,3-cd)pyrene	28.61	276	1464586	53.494 ng	99
88) Benzo(b)fluoranthene	23.90	252	1218022	51.095 ng	98
89) Benzo(k)fluoranthene	23.97	252	1202131	50.975 ng	99
90) Benzo(a)pyrene	24.77	252	1197155	53.229 ng	99
91) Dibenzo(a,h)anthracene	28.66	278	1227749	53.236 ng	99
92) Benzo(g,h,i)perylene	29.76	276	1225970	54.864 ng	98

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

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