Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043070.D
Acq On : 7 Oct 2019 16:36
Operator : JU
Sample : K5168-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
10/8/2019 12:22:45 PM

Quant Time: Oct 08 02:14:45 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	49701	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	199264	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	156297	20.00	ng		-0.01
64) Phenanthrene-d10	17.42	188	403644	20.00	ng		-0.01
76) Chrysene-d12	21.70	240	437488	20.00	ng		-0.02
87) Perylene-d12	24.91	264	506813	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	320679	115.15	ng		-0.02
7) Phenol-d6	7.23	99	478640	119.35	ng		-0.01
23) Nitrobenzene-d5	9.22	82	287872	70.22	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	334197	124.35	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	709908	65.85	ng		-0.02
79) Terphenyl-d14	20.03	244	1477644	71.97	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	39809	34.285	ng		94
3) Pyridine	3.93	79	95359	29.199	ng		89
4) n-Nitrosodimethylamine	3.85	42	61908	39.420	ng	#	87
6) Aniline	7.38	93	193428	39.955	ng		99
8) 2-Chlorophenol	7.63	128	145250	50.011	ng		98
9) Benzaldehyde	7.20	77	84785	34.596	ng		86
10) Phenol	7.26	94	199980	54.349	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	119973	42.141	ng		92
12) 1,3-Dichlorobenzene	7.95	146	146665	39.585	ng		96
13) 1,4-Dichlorobenzene	8.09	146	149923	40.592	ng		97
14) 1,2-Dichlorobenzene	8.41	146	146112	41.552	ng		97
15) Benzyl Alcohol	8.30	79	138204	45.835	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	176531	32.288	ng		98
17) 2-Methylphenol	8.51	107	126067	48.966	ng		97
18) Hexachloroethane	9.15	117	52390	37.663	ng		95
19) n-Nitroso-di-n-propylamine	8.86	70	115772	43.963	ng		92
20) 3+4-Methylphenols	8.83	107	176390	49.994	ng		97
22) Acetophenone	8.88	105	216058	42.064	ng	#	96
24) Nitrobenzene	9.26	77	170374	43.569	ng		93
25) Isophorone	9.78	82	326567	45.349	ng		98
26) 2-Nitrophenol	9.97	139	83469	50.142	ng		93
27) 2,4-Dimethylphenol	10.03	122	141251	55.252	ng		100
28) bis(2-Chloroethoxy)methane	10.26	93	180744	44.238	ng		98
29) 2,4-Dichlorophenol	10.51	162	164630	51.779	ng		99
30) 1,2,4-Trichlorobenzene	10.73	180	175572	42.761	ng		94
31) Naphthalene	10.91	128	448669	45.740	ng		99
32) Benzoic acid	10.19	122	92740	46.840	ng		88
33) 4-Chloroaniline	11.02	127	135073	31.734	ng		97
34) Hexachlorobutadiene	11.20	225	121780	39.612	ng		96
35) Caprolactam	11.79	113	59543m	53.105	ng		
36) 4-Chloro-3-methylphenol	12.14	107	186165	53.852	ng		93
37) 2-Methylnaphthalene	12.51	142	359656	48.063	ng		98
38) 1-Methylnaphthalene	12.73	142	339742	47.981	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	232601	39.581	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	306822	81.943	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	166052	48.276	ng		99
44) 2,4,5-Trichlorophenol	13.19	196	179186	50.570	ng		94
46) 1,1'-Biphenyl	13.52	154	500946	42.264	ng		98
47) 2-Chloronaphthalene	13.56	162	393819	44.316	ng		99
48) 2-Nitroaniline	13.76	65	130140	44.038	ng		92
49) Acenaphthylene	14.40	152	645199	47.449	ng		99
50) Dimethylphthalate	14.13	163	671069	57.304	ng		99
51) 2,6-Dinitrotoluene	14.25	165	128136	51.380	ng		94
52) Acenaphthene	14.74	154	394727	43.369	ng		97
53) 3-Nitroaniline	14.58	138	95246	36.956	ng		95
54) 2,4-Dinitrophenol	14.79	184	168873	108.939	ng		94
55) Dibenzofuran	15.08	168	635471	47.198	ng		98
56) 4-Nitrophenol	14.90	139	212918	108.425	ng		95
57) 2,4-Dinitrotoluene	15.04	165	186299	51.012	ng		95
58) Fluorene	15.73	166	549902	47.839	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.30	232	184558	48.919	ng		100
60) Diethylphthalate	15.50	149	567821	47.644	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	317836	46.104	ng		98
62) 4-Nitroaniline	15.75	138	136988	48.735	ng		95
63) Azobenzene	16.01	77	482265	44.446	ng		99
65) 4,6-Dinitro-2-methylphenol	15.80	198	121176	53.052	ng		90
66) n-Nitrosodiphenylamine	15.93	169	501610	47.075	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	229842	45.368	ng		95
68) Hexachlorobenzene	16.73	284	254132	45.053	ng		97
69) Atrazine	16.88	200	197814	44.086	ng		97
70) Pentachlorophenol	17.08	266	326895	100.433	ng		98
71) Phenanthrene	17.47	178	936662	47.532	ng		98
72) Anthracene	17.55	178	945889	48.081	ng		98
73) Carbazole	17.82	167	872952	47.851	ng		99
74) Di-n-butylphthalate	18.38	149	1002978	46.080	ng		99
75) Fluoranthene	19.47	202	1277698	49.020	ng		98
77) Benzidine	19.65	184	587320	53.616	ng		99
78) Pyrene	19.83	202	1279390	48.996	ng		99
80) Butylbenzylphthalate	20.72	149	463363	46.750	ng		94
81) Benzo(a)anthracene	21.67	228	1268194	46.523	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	411049	38.446	ng		97
83) Chrysene	21.74	228	1215583	45.952	ng		100
84) Bis(2-ethylhexyl)phthalate	21.58	149	666709	47.273	ng		97
85) Di-n-octyl phthalate	22.79	149	1111058	48.177	ng		97
86) Indeno(1,2,3-cd)pyrene	28.58	276	1631518	49.542	ng	#	97
88) Benzo(b)fluoranthene	23.89	252	1347602	46.993	ng		98
89) Benzo(k)fluoranthene	23.96	252	1342690	47.329	ng		99
90) Benzo(a)pyrene	24.76	252	1341355	49.578	ng		98
91) Dibenzo(a,h)anthracene	28.64	278	1365611	49.223	ng		99
92) Benzo(g,h,i)perylene	29.73	276	1355941	50.442	ng		97

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

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