Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG100719\
Data File : BG043071.D
Acq On : 7 Oct 2019 17:15
Operator : JU
Sample : K5140-04MS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-100219MS

Manual Integrations APPROVED
mohammad
10/8/2019 12:22:47 PM

Quant Time: Oct 08 02:28:33 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	47743	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	177276	20.00	ng		-0.02
39) Acenaphthene-d10	14.68	164	54428	20.00	ng		-0.02
64) Phenanthrene-d10	17.42	188	331378	20.00	ng		-0.02
76) Chrysene-d12	21.69	240	222071	20.00	ng		-0.02
87) Perylene-d12	24.91	264	865	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	396223	148.11	ng		-0.01
7) Phenol-d6	7.23	99	334676	86.87	ng		-0.01
23) Nitrobenzene-d5	9.22	82	356985	97.88	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	400267	427.67	ng		-0.01
45) 2-Fluorobiphenyl	13.31	172	906901	241.55	ng		-0.02
79) Terphenyl-d14	20.03	244	1935600	185.73	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	43591	39.081	ng	#	50
4) n-Nitrosodimethylamine	3.85	42	50536	33.498	ng	#	79
8) 2-Chlorophenol	7.63	128	150142	53.816	ng		95
9) Benzaldehyde	7.20	77	46401	19.710	ng	#	84
10) Phenol	7.26	94	134616	38.086	ng		95
11) bis(2-Chloroethyl)ether	7.48	93	125704	45.965	ng		93
12) 1,3-Dichlorobenzene	7.95	146	153092	43.015	ng		95
13) 1,4-Dichlorobenzene	8.10	146	159056	44.830	ng		98
14) 1,2-Dichlorobenzene	8.41	146	156904	46.451	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.58	45	186328	35.477	ng		91
17) 2-Methylphenol	8.51	107	76204	30.812	ng		98
18) Hexachloroethane	9.14	117	58196	43.553	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	135976	53.753	ng		92
20) 3+4-Methylphenols	8.83	107	111170	32.801	ng		96
22) Acetophenone	8.88	105	235329	51.499	ng	#	96
24) Nitrobenzene	9.26	77	175383	50.413	ng		97
25) Isophorone	9.78	82	398246	62.162	ng		96
26) 2-Nitrophenol	9.97	139	90411	61.048	ng		93
27) 2,4-Dimethylphenol	10.04	122	94194	41.415	ng		97
28) bis(2-Chloroethoxy)methane	10.27	93	16903	4.650	ng	#	94
29) 2,4-Dichlorophenol	10.51	162	176303	62.328	ng		99
30) 1,2,4-Trichlorobenzene	10.72	180	177313	48.541	ng		99
31) Naphthalene	10.91	128	463477	53.111	ng		99
32) Benzoic acid	10.19	122	116120	61.984	ng		98
34) Hexachlorobutadiene	11.20	225	123984	45.331	ng		98
35) Caprolactam	11.90	113	59298m	59.446	ng		
36) 4-Chloro-3-methylphenol	12.14	107	152448	49.568	ng		97
37) 2-Methylnaphthalene	12.51	142	356707	53.581	ng		94
38) 1-Methylnaphthalene	12.73	142	335476	53.255	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	230960	112.859	ng		98
41) Hexachlorocyclopentadiene	12.86	237	294919	226.181	ng		95
43) 2,4,6-Trichlorophenol	13.12	196	162478	135.648	ng		96
44) 2,4,5-Trichlorophenol	13.19	196	180483	146.269	ng		98
46) 1,1'-Biphenyl	13.51	154	496780	120.358	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.56	162	390825	126.293	ng		99
48) 2-Nitroaniline	13.78	65	47923	46.568	ng	#	88
49) Acenaphthylene	14.40	152	100552	21.235	ng		99
50) Dimethylphthalate	14.14	163	610495	149.701	ng		99
51) 2,6-Dinitrotoluene	14.25	165	130295	150.030	ng		93
52) Acenaphthene	14.74	154	174936	55.193	ng		99
54) 2,4-Dinitrophenol	14.79	184	187261	346.896	ng		94
55) Dibenzofuran	15.08	168	641004	136.716	ng		98
56) 4-Nitrophenol	14.91	139	184375	269.616	ng		95
57) 2,4-Dinitrotoluene	15.04	165	198152	155.808	ng		99
58) Fluorene	15.73	166	512083	127.927	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	187644	142.825	ng		98
60) Diethylphthalate	15.49	149	528273	127.286	ng		97
61) 4-Chlorophenyl-phenylether	15.72	204	316583	131.871	ng		99
62) 4-Nitroaniline	15.79	138	26032m	26.595	ng		
63) Azobenzene	16.01	77	44876	11.877	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	132310	70.560	ng		91
67) 4-Bromophenyl-phenylether	16.61	248	226307	54.412	ng		95
68) Hexachlorobenzene	16.73	284	260194	56.186	ng		96
70) Pentachlorophenol	17.08	266	346991	129.855	ng		99
71) Phenanthrene	17.47	178	902455	55.783	ng		98
72) Anthracene	17.56	178	659836	40.855	ng		99
74) Di-n-butylphthalate	18.38	149	925198	51.776	ng		99
75) Fluoranthene	19.47	202	851709	39.803	ng		98
78) Pyrene	19.83	202	230357	17.379	ng		96
80) Butylbenzylphthalate	20.72	149	39216	7.795	ng		93
81) Benzo(a)anthracene	21.67	228	683949	49.429	ng		98
83) Chrysene	21.74	228	912507	67.956	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	643342	89.866	ng		95
85) Di-n-octyl phthalate	22.79	149	1035837	88.485	ng		96
86) Indeno(1,2,3-cd)pyrene	28.63	276	205636	12.301	ng	#	91
88) Benzo(b)fluoranthene	23.88	252	683957	13974.290	ng		99
89) Benzo(k)fluoranthene	23.95	252	187272	3867.729	ng		99
90) Benzo(a)pyrene	24.75	252	200625	4344.714	ng	#	98
91) Dibenzo(a,h)anthracene	28.63	278	566768	11969.612	ng		98
92) Benzo(g,h,i)perylene	29.71	276	158077	3445.529	ng		97

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

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