Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100819\
Data File : BG043088.D
Acq On : 8 Oct 2019 16:44
Operator : JU
Sample : K5140-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : HR-05-100219MSD

Manual Integrations APPROVED
mohammad
10/11/2019 8:29:52 AM

Quant Time: Oct 09 02:13:45 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed 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	8.06	152	58668	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	215114	20.00	ng	0.00
39) Acenaphthene-d10	14.68	164	154225	20.00	ng	0.00
64) Phenanthrene-d10	17.42	188	378626	20.00	ng	0.00
76) Chrysene-d12	21.69	240	411060	20.00	ng	0.00
87) Perylene-d12	24.91	264	473571	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	388804	118.27	ng	0.00
7) Phenol-d6	7.24	99	561538	118.62	ng	0.00
23) Nitrobenzene-d5	9.22	82	321946	72.74	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	345455	130.26	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	822509	77.31	ng	0.00
79) Terphenyl-d14	20.03	244	1740621	90.23	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.55	88	44268	32.298	ng	# 48
3) Pyridine	3.97	79	28711	7.448	ng	# 83
4) n-Nitrosodimethylamine	3.86	42	69529	37.506	ng	# 79
6) Aniline	7.40	93	55835	9.771	ng	98
8) 2-Chlorophenol	7.63	128	144265	42.080	ng	95
9) Benzaldehyde	7.19	77	91264	31.548	ng	85
10) Phenol	7.26	94	205924	47.411	ng	95
11) bis(2-Chloroethyl)ether	7.48	93	123701	36.809	ng	93
12) 1,3-Dichlorobenzene	7.95	146	153828	35.173	ng	97
13) 1,4-Dichlorobenzene	8.09	146	159464	36.576	ng	97
14) 1,2-Dichlorobenzene	8.42	146	149889	36.111	ng	94
15) Benzyl Alcohol	8.30	79	134880	37.896	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.58	45	182056	28.209	ng	95
17) 2-Methylphenol	8.51	107	126422	41.598	ng	95
18) Hexachloroethane	9.14	117	55855	34.017	ng	92
19) n-Nitroso-di-n-propylamine	8.86	70	109136	35.109	ng	92
20) 3+4-Methylphenols	8.83	107	169617	40.726	ng	94
22) Acetophenone	8.88	105	210629	37.986	ng	# 93
24) Nitrobenzene	9.26	77	164683	39.011	ng	99
25) Isophorone	9.78	82	316127	40.665	ng	99
26) 2-Nitrophenol	9.97	139	82656	45.995	ng	95
27) 2,4-Dimethylphenol	10.04	122	135740	49.184	ng	95
28) bis(2-Chloroethoxy)methane	10.26	93	173818	39.408	ng	98
29) 2,4-Dichlorophenol	10.51	162	155253	45.232	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	167880	37.875	ng	95
31) Naphthalene	10.91	128	429982	40.605	ng	100
32) Benzoic acid	10.18	122	86794	41.613	ng	97
33) 4-Chloroaniline	11.03	127	31203	6.791	ng	# 86
34) Hexachlorobutadiene	11.20	225	119741	36.079	ng	94
35) Caprolactam	11.79	113	53808m	44.454	ng	
36) 4-Chloro-3-methylphenol	12.15	107	170347	45.645	ng	97
37) 2-Methylnaphthalene	12.51	142	323085	39.994	ng	97
38) 1-Methylnaphthalene	12.73	142	305116	39.916	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	209810	36.182	ng	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	263666	71.363 ng	96
43) 2,4,6-Trichlorophenol	13.12	196	146906	43.284 ng	99
44) 2,4,5-Trichlorophenol	13.19	196	158874	45.440 ng	98
46) 1,1'-Biphenyl	13.52	154	446509	38.178 ng	99
47) 2-Chloronaphthalene	13.56	162	349548	39.863 ng	98
48) 2-Nitroaniline	13.76	65	119166	40.866 ng	90
49) Acenaphthylene	14.40	152	557052	41.517 ng	99
50) Dimethylphthalate	14.13	163	581766	50.345 ng	98
51) 2,6-Dinitrotoluene	14.25	165	111980	45.505 ng	87
52) Acenaphthene	14.74	154	344159	38.321 ng	97
53) 3-Nitroaniline	14.58	138	62910	24.737 ng	95
54) 2,4-Dinitrophenol	14.79	184	151200	98.849 ng	93
55) Dibenzofuran	15.07	168	552339	41.575 ng	98
56) 4-Nitrophenol	14.90	139	187629	96.830 ng	91
57) 2,4-Dinitrotoluene	15.03	165	160255	44.470 ng	99
58) Fluorene	15.73	166	472786	41.683 ng	97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	161934	43.499 ng	98
60) Diethylphthalate	15.49	149	494360	42.037 ng	98
61) 4-Chlorophenyl-phenylether	15.71	204	271189	39.866 ng	97
62) 4-Nitroaniline	15.75	138	118923	42.877 ng	98
63) Azobenzene	16.01	77	416774	38.926 ng	98
65) 4,6-Dinitro-2-methylphenol	15.80	198	105006	49.011 ng	96
66) n-Nitrosodiphenylamine	15.93	169	436784	43.699 ng	98
67) 4-Bromophenyl-phenylether	16.61	248	196803	41.414 ng	95
68) Hexachlorobenzene	16.73	284	213708	40.390 ng	96
69) Atrazine	16.88	200	169194	40.199 ng	96
70) Pentachlorophenol	17.08	266	290111	95.021 ng	97
71) Phenanthrene	17.47	178	782327	42.323 ng	97
72) Anthracene	17.55	178	797631	43.224 ng	99
73) Carbazole	17.82	167	755711	44.162 ng	99
74) Di-n-butylphthalate	18.38	149	865518	42.392 ng	99
75) Fluoranthene	19.47	202	1049595	42.930 ng	99
77) Benzidine	19.66	184	23784	2.311 ng	98
78) Pyrene	19.83	202	1063178	43.334 ng	99
80) Butylbenzylphthalate	20.71	149	403656	43.344 ng	97
81) Benzo(a)anthracene	21.67	228	1093188	42.681 ng	99
82) 3,3'-Dichlorobenzidine	21.58	252	313480	31.206 ng	98
83) Chrysene	21.74	228	1058756	42.597 ng	99
84) Bis(2-ethylhexyl)phthalate	21.58	149	585665	44.196 ng	99
85) Di-n-octyl phthalate	22.79	149	981451	45.293 ng	96
86) Indeno(1,2,3-cd)pyrene	28.58	276	1371305	44.317 ng	100
88) Benzo(b)fluoranthene	23.89	252	1145960	42.766 ng	98
89) Benzo(k)fluoranthene	23.96	252	1157414	43.662 ng	98
90) Benzo(a)pyrene	24.76	252	1131970	44.776 ng	97
91) Dibenzo(a,h)anthracene	28.63	278	1161286	44.797 ng	99
92) Benzo(g,h,i)perylene	29.72	276	1143001	45.506 ng	97

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

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