Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020620\
Data File : BG044325.D
Acq On : 6 Feb 2020 16:35
Operator : CG/JU
Sample : L1408-02MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SHORE-RD-PATH-BH-01-BMS

Manual Integrations APPROVED
mohammad
2/10/2020 8:16:57 AM

Quant Time: Feb 06 22:15:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	93533	20.00	ng	-0.01
21) Naphthalene-d8	10.71	136	395475	20.00	ng	0.00
39) Acenaphthene-d10	14.55	164	264197	20.00	ng	0.00
64) Phenanthrene-d10	17.29	188	565521	20.00	ng	0.00
76) Chrysene-d12	21.54	240	490213	20.00	ng	0.00
87) Perylene-d12	24.64	264	566407	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	626961	118.30	ng	0.00
7) Phenol-d6	7.09	99	837578	117.69	ng	0.00
23) Nitrobenzene-d5	9.07	82	495955	70.80	ng	0.00
42) 2,4,6-Tribromophenol	16.04	330	344387	111.04	ng	0.00
45) 2-Fluorobiphenyl	13.17	172	1153301	73.10	ng	0.00
79) Terphenyl-d14	19.91	244	1607597	67.45	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.37	88	84816	35.620	ng	99
3) Pyridine	3.77	79	204297	32.203	ng	98
4) n-Nitrosodimethylamine	3.68	42	103039	38.868	ng	98
6) Aniline	7.23	93	187459	21.221	ng	99
8) 2-Chlorophenol	7.48	128	265943	45.658	ng	99
9) Benzaldehyde	7.05	77	116220	28.673	ng	98
10) Phenol	7.12	94	328702	46.669	ng	99
11) bis(2-Chloroethyl)ether	7.33	93	237439	39.432	ng	98
12) 1,3-Dichlorobenzene	7.80	146	268543	38.615	ng	98
13) 1,4-Dichlorobenzene	7.95	146	268713	39.013	ng	100
14) 1,2-Dichlorobenzene	8.27	146	253742	38.975	ng	99
15) Benzyl Alcohol	8.15	79	213022	42.279	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.45	45	302040	37.060	ng	99
17) 2-Methylphenol	8.36	107	225799	44.933	ng	99
18) Hexachloroethane	9.00	117	96972	37.518	ng	99
19) n-Nitroso-di-n-propylamine	8.72	70	184247	38.846	ng	98
20) 3+4-Methylphenols	8.69	107	309510	44.691	ng	99
22) Acetophenone	8.73	105	355408	36.942	ng	98
24) Nitrobenzene	9.11	77	263270	38.498	ng	100
25) Isophorone	9.64	82	518924	39.745	ng	98
26) 2-Nitrophenol	9.82	139	150822	42.503	ng	98
27) 2,4-Dimethylphenol	9.89	122	257681	51.443	ng	99
28) bis(2-Chloroethoxy)methane	10.12	93	329423	37.822	ng	99
29) 2,4-Dichlorophenol	10.36	162	265477	43.831	ng	98
30) 1,2,4-Trichlorobenzene	10.58	180	260108	37.453	ng	100
31) Naphthalene	10.76	128	761338	39.679	ng	99
32) Benzoic acid	10.05	122	130831	42.117	ng	91
33) 4-Chloroaniline	10.87	127	112069	12.842	ng	97
34) Hexachlorobutadiene	11.06	225	152212	35.618	ng	99
35) Caprolactam	11.63	113	98011m	44.175	ng	
36) 4-Chloro-3-methylphenol	12.00	107	278737	43.894	ng	99
37) 2-Methylnaphthalene	12.37	142	577321	40.525	ng	99
38) 1-Methylnaphthalene	12.59	142	552550	41.140	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.74	216	285183	36.085	ng	99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	337908	89.109 ng	100
43) 2,4,6-Trichlorophenol	12.99	196	214995	42.087 ng	98
44) 2,4,5-Trichlorophenol	13.06	196	230833	44.241 ng	98
46) 1,1'-Biphenyl	13.38	154	739433	38.802 ng	100
47) 2-Chloronaphthalene	13.43	162	577472	38.081 ng	99
48) 2-Nitroaniline	13.62	65	167336	37.391 ng	97
49) Acenaphthylene	14.27	152	925333	41.603 ng	100
50) Dimethylphthalate	14.01	163	828736	43.638 ng	99
51) 2,6-Dinitrotoluene	14.12	165	168701	39.841 ng	99
52) Acenaphthene	14.61	154	570752	39.589 ng	98
53) 3-Nitroaniline	14.45	138	92351	19.713 ng	98
54) 2,4-Dinitrophenol	14.66	184	195732	78.199 ng	97
55) Dibenzofuran	14.95	168	877326	40.193 ng	100
56) 4-Nitrophenol	14.77	139	304820	88.828 ng	98
57) 2,4-Dinitrotoluene	14.91	165	232895	39.242 ng	94
58) Fluorene	15.60	166	693301	40.327 ng	98
59) 2,3,4,6-Tetrachlorophenol	15.18	232	199762	42.386 ng	98
60) Diethylphthalate	15.37	149	743139	39.271 ng	100
61) 4-Chlorophenyl-phenylether	15.59	204	364000	39.049 ng	99
62) 4-Nitroaniline	15.62	138	163982	35.030 ng	95
63) Azobenzene	15.88	77	653228	39.387 ng	99
65) 4,6-Dinitro-2-methylphenol	15.68	198	143954	46.114 ng	98
66) n-Nitrosodiphenylamine	15.81	169	648807	40.938 ng	99
67) 4-Bromophenyl-phenylether	16.49	248	240431	39.023 ng	98
68) Hexachlorobenzene	16.61	284	261532	37.888 ng	99
69) Atrazine	16.76	200	241923	44.536 ng	98
70) Pentachlorophenol	16.95	266	290109	82.989 ng	97
71) Phenanthrene	17.34	178	1198250	43.757 ng	100
72) Anthracene	17.43	178	1172963	43.324 ng	99
73) Carbazole	17.70	167	1001505	40.126 ng	99
74) Di-n-butylphthalate	18.26	149	1219341	39.533 ng	99
75) Fluoranthene	19.35	202	1541633	48.665 ng	97
77) Benzidine	19.52	184	255921	18.821 ng	97
78) Pyrene	19.71	202	1551761	49.291 ng	98
80) Butylbenzylphthalate	20.60	149	560147	39.044 ng	99
81) Benzo(a)anthracene	21.52	228	1392949	46.105 ng	99
82) 3,3'-Dichlorobenzidine	21.44	252	262767	22.409 ng	98
83) Chrysene	21.59	228	1320903	45.232 ng	99
84) Bis(2-ethylhexyl)phthalate	21.45	149	798453	40.435 ng	100
85) Di-n-octyl phthalate	22.62	149	1387717	40.616 ng	99
86) Indeno(1,2,3-cd)pyrene	28.14	276	1588509	41.694 ng	100
88) Benzo(b)fluoranthene	23.66	252	1454390	44.561 ng	100
89) Benzo(k)fluoranthene	23.73	252	1357732	42.682 ng	100
90) Benzo(a)pyrene	24.49	252	1347615	43.670 ng	99
91) Dibenzo(a,h)anthracene	28.20	278	1254243	41.068 ng	98
92) Benzo(g,h,i)perylene	29.24	276	1347976	44.090 ng	98

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

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